

20020628.qrp v02_n600.qrl.20020628

Date: Fri, 28 Jun 2002 19:03:04 EDT
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 2600

QRP-L Digest 2600

Topics covered in this issue include:

- 1) [128661] Fox - Summer Hunt Teams.
by Bruce Rattray <rattray@gpfn.sk.ca>
- 2) [128662] Ham Radio SW for the Mac Qs
by "Rod N0RC" <rod@n0rc.us>
- 3) [128663] TRUFFLE HUNT starts at 9:30 PM EDT today
by "w8diz" <w8diz@fpqrp.com>
- 4) [128664] NM FD Post Mortem
by na5n@zianet.com
- 5) [128665] FS: TenTec 1254 SWL RX
by "N3BJ" <N3BJ@hotmail.com>
- 6) [128666] Re: "The Magazine" - a rip off!
by "Gordon Cougar" <gcouger@provalue.net>
- 7) [128667] RE FD rules on automation
by "Stuart Rohre" <rohre@arlut.utexas.edu>
- 8) [128668] Re: NEQRP CW Net, 27 June 02, 8:30 PM EDT, 3.565 MHz
by "John Paul Keon" <jpkeon@nc.rr.com>
- 9) [128669] RE: NM FD Post Mortem
by "Cecilio A. Bayona" <KD5NWA@MBayona.com>
- 10) [128670] Fox - Summer Hunt Teams.
by Bruce Rattray <rattray@gpfn.sk.ca>
- 11) [128671] First Truffle Hunt for the Summer results
by "W8DIZ" <w8diz@fpqrp.com>
- 12) [128672] Nere a foxii here
by Fred Lesnick <flesnick@tbaytel.net>
- 13) [128673] RE: Virtual Morse key?
by Howard Rubin <hrubin1970@comcast.net>
- 14) [128674] Re: Virtual Morse key?
by "Mike Yetsko" <myetsko@insydesw.com>
- 15) [128675] Where are the foxes?
by Tim Pettibone <k5oi@cox.net>
- 16) [128676] Re: FD fun,,,,,, and a question
by ik7565@erols.com
- 17) [128677] Re: Where are the foxes?
by Arthur Moe <kb7ww@easystreet.com>
- 18) [128678] Re: Where are the foxes?
by "Don Wines" <dwines@tyler.net>
- 19) [128679] Re: Where are the foxes?

by "Rich Wilkerson" <richqrp@cox.net>
20) [128680] Re: Where are the foxes?
by "w5tb" <w5tb@arrl.net>
21) [128681] Re: Where are the foxes?
by "Mike Malone" <mmalone@worldlogon.com>
22) [128682] Re: Where are the foxes?
by "Karl F. Larsen" <k5di@zianet.com>
23) [128683] Re: Where are the foxes?
by "Karl F. Larsen" <k5di@zianet.com>
24) [128684] Re: Where are the foxes?
by "Trevor Jacobs" <kg6cyn@earthlink.net>
25) [128685] Worked Doc at 0300
by Fred Lesnick <flesnick@tbaytel.net>
26) [128686]
by JD Delancy <W1JD@drix.net>
27) [128687] no sign of paul?
by "w5tb" <w5tb@arrl.net>
28) [128688] Fox- K4FB
by Paul Womble <pwomble1@tampabay.rr.com>
29) [128689] Re: Where are the foxes?
by Bruce Rattray <rattray@gpfn.sk.ca>
30) [128690] [FOX] K4FB spot
by "Dave WR50" <dendav@dzdn.com>
31) [128691] FOX -- K4FB Shows Himself... :-)
by Todd Enders <enders@bolshoi.cc.misu.nodak.edu>
32) [128692] [FOX] k4fb
by Hank Kohl K8DD <k8dd@arrl.net>
33) [128693] Truffles and foxii
by Arthur Moe <kb7ww@easystreet.com>
34) [128694] Re: [FOX] K4FB spot
by Jim Larsen - AL7FS <AL7FS@arrl.net>
35) [128695] SD-1 - a simple project - (fwd)
by Bruce Rattray <rattray@gpfn.sk.ca>
36) [128696] FOX-K2#2032
by Bruce Rattray <rattray@gpfn.sk.ca>
37) [128697] Re: [FOX] K4FB spot
by "George, W5YR" <w5yr@att.net>
38) [128698] fox
by "Al Dawkins" <alk0frp@attbi.com>
39) [128699] Foxii
by "Jay Henson" <aj4ay@worldnet.att.net>
40) [128700] Fox-K4FB Log
by Paul Womble <pwomble1@tampabay.rr.com>
41) [128701] Thanks for great Opening Night [g]
by "wilford lindsey" <dock0evz@earthlink.net>
42) [128702] Machining Help needed [long]
by Chuck Adams <k7qo@earthlink.net>
43) [128703] Re: Fox- K4FB

by Pete Burbank <plburbank@kih.net>
44) [128704] Re: Machining Help needed [long]
by Phil Wheeler <w7ox@earthlink.net>
45) [128705] Re Paul K4FB's outing tonight
by "wilford lindsey" <dock0evz@earthlink.net>
46) [128706] Re: "The Magazine" - a rip off!
by "Adam" <jabba@w3.to>
47) [128707] Fox Hunt
by W2AGN <w2agn@w2agn.net>
48) [128708] Re: Machining Help needed [long]
by <n2go@arrl.net>
49) [128709] Fox Hunt... 20 m went to bed...
by Thomas Jennings <jennings@eznet.net>
50) [128710] RE: [Somewnat OT] Calculating a Beam Heading...
by "Ron McConnell" <rcmcc@earthlink.net>
51) [128711] Re:Re: Antenna idea feedback pse
by Gary Slagel <gds slagel@yahoo.com>
52) [128712] FOX
by juan ferrari <puntrad@usa.net>
53) [128713] Re: ot manual
by "Randy Randall" <randallr@healthall.com>
54) [128714] WTB Curtis 8044B
by "Hugo W. Catta" <hugo@optonline.net>
55) [128715] Re: putting an antenna under my siding
by "Walt Amos" <k8cv@netzero.net>
56) [128716] Fw: Who had Foot Switch For Sale?
by "Walt Amos" <k8cv@netzero.net>
57) [128717] Re: Machining Help needed [long]
by <igeq100@iupui.edu>
58) [128718] No Fox in VA
by "Alan Fryer" <N3BJ@hotmail.com>
59) [128719] SaskHamfest 2002
by Bruce Rattray <rattray@gpfn.sk.ca>
60) [128720] Lightning
by "Mark Andrews \ (KE4IOF\)" <KE4IOF@ke4iof.com>
61) [128721] Pixie II conversion question.
by "Mullin, Edward J." <mulline@tycoelectronics.com>
62) [128722] Re: Fw: Who had Foot Switch For Sale?
by Ed Lawson <k1vp@grizzly.com>
63) [128723] Re: Lightning
by "Mike Yetsko" <myetsko@insydesw.com>
64) [128724] RE: Lightning
by "Hare,Ed, W1RFI" <w1rfi@arrl.org>
65) [128725] RE: Lightning
by "Tracy Markham" <tracy@bytemark.com>
66) [128726] Re:Re: Antenna idea feedback pse
by Dave Hottell <hottell@gulftel.com>
67) [128727] RE: Lightning

by "Charles W3KC" <w3kc@starpower.net>
68) [128728] Re: Pixie II conversion question.
by "Ian Wilson" <ianmwilson@earthlink.net>
69) [128729] Re: Lightning
by "John Dorson" <jdorson@worldshare.net>
70) [128730] Field Day 2002 - Web Pix ???
by "Brian B. Riley \ (N1BQ\) ListAcct" <n1bq_list@wulfden.org>
71) [128731] HTML
by "wilford lindsey" <dock0evz@earthlink.net>
72) [128732] Re: Machining Help needed [long]
by "E. Roswell" <eroswell@monmouth.com>
73) [128733] For Sale/Swap
by "Francis Callahan" <colcal@srv.net>
74) [128734] TINY-TORNADO Micro-Transceiver Kits Available and READY TO SHIP
by "Brice D. Hornback" <bdh@cyberbound.net>
75) [128735] Re: HTML
by "Karl F. Larsen" <k5di@zianet.com>
76) [128736] Re: [Elecraft] Ham Radio SW for the Mac Qs
by "Rod N0RC" <rod@n0rc.us>
77) [128737] Re: Ham Radio SW for the Mac Qs
by Brian Short <bshort4@cox.net>
78) [128738] Dad Braggin'
by Darrel Swenson <k0awb@tcon1.com>

Date: Thu, 27 Jun 2002 17:19:26 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: QRP-Canada <qrp-canada@neale.gpfn.sk.ca>,
Low Power Group <qrp-l@lehigh.edu>
Subject: [128661] Fox - Summer Hunt Teams.
Message-ID: <Pine.LNX.4.33.0206271716420.5819-1000000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

The NE-TX Tornados -
W5YR - George
W5TB - Doc
NM5M - Eric
K5DW - Don
KD5KXF - Mike

The Raiders of the Lost RF -
Rob - VE6JAZ
Dan - VE6EX
Fred = VE3FAL
Earl - VA6RF
Bruce - VE5RC

The Piggie Team -
KJ0C - Jim
WR50 - Dave
W9HL - Randy

The Cheeseheads -

K9DI - Wayne
W8DIZ - Diz

The Cajun Thunder -

K5EOA - Wayne
N5IB - Jim
AA50 - Vern
N5YFC - Wayne
AC5JH - Tom

...anymore Teams for the hunt?...GOOD LUCK tonight everyone!...

..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272
A-1 Operator Club - 10/10# 944 - QRP Borg#1 - Whiner#10 -
- VE5QRP SOC#11 - VE5RC SOC#12 - oo#148 - K2#2032 - COG#15 -
"QRP! How sweet it is!" "I am da man wit "DAH" paddle!"

Date: Thu, 27 Jun 2002 17:31:10 -0600
From: "Rod N0RC" <rod@n0rc.us>
To: "qrp-1" <qrp-1@lehigh.edu>, <elecraft@mailman.qth.net>
Subject: [128662] Ham Radio SW for the Mac Qs
Message-ID: <004501c21e32\$b8c6f580\$6601a8c0@BIGDOG>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Folks,

I'm feeling the lure of Mac OSX, perhaps a result of the recent
"switch" ads. www.apple.com/switch

Well I did a little "Googlen" and see the basics I require are
available, "Spectrogram" like packages and PSK-31 software. So it's
time to dig deeper.

For those whose use Mac's:

1) How does the quality/functionality of the APP SW hold up against
Windows equivalents like Digipan, Mix32, Spectrogram...etc.

2) The OS Core of OSX is of course BSD Unix; Has anybody tried running available Unix based radio SW on OSX?

3) What are the biggest/best software repositories for the Mac these days?

4) Macs have long been known for the AV capabilities? Any cool software available to effect Audio DSP Noise Reduction etc.?

73, Rod NØRC

Date: Thu, 27 Jun 2002 19:57:34 -0400
From: "w8diz" <w8diz@fpqrp.com>
To: <fpqrp-l@fpqrp.com>, <qrp-l@lehigh.edu>
Subject: [128663] TRUFFLE HUNT starts at 9:30 PM EDT today
Message-ID: <003701c21e36\$685f0480\$39d81b41@cinci.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hey Gang,

Listen for me in the TRUFFLE HUNT, 30 minutes prior to the FOX HUNT.

I'll be calling "CQ FP CQ FP de W8DIZ K" near 14062
Call me up 1 Khz +/- from MY calling freq IF YOU CAN.
Send your call sign ONLY.

My exchange is "UR_CALL RST STATE NAME POWER K"
Your exchange is "R RST STATE NAME POWER K"

Then I start over with "TU de W8DIZ QRZ"
or I will do the CQ thing again.

I will send at 18 to 25 WPM, depending upon the coffee I drink tonight.

72 & "oo's" - Dieter (DIZ) Gentzow - W8DIZ - Loveland, Ohio
Clermont County - EM79uf - near Cincinnati; 39.218N - 84.305W

SOC-8 DLQRPAG-1454 ARCI-10226 ARS-781 QRPL-1998 10X-9389 CATT-26
FP#-1 <http://home.cinci.rr.com/w8diz> & <http://kitsandparts.com>

Date: Fri, 28 Jun 2002 00:00:58 GMT
From: na5n@zianet.com
To: qrp-l@lehigh.edu
Subject: [128664] NM FD Post Mortem
Message-ID: <20020628000059.26052.qmail@zianet.com>
Mime-version: 1.0
Content-type: text/plain; charset="us-ascii"

Gang,

Had a really fun Field Day, but not one that wracked up the points as in years past. Our initial plans for a nice high spot in the San Mateo Mountains fell apart due to the extreme fire danger restrictions around here, which have pretty much closed all access roads into the mountains and forests. So we decided to setup atop a 5200 foot mesa east of the Rio Grande north of Socorro ... basic true desert country with no restrictions, simply because there is nothing to burn. And even if I did manage to start a dead grass fire, it would have merely blown over to burn down Texas. No biggie :-)

So we got up there, setup a couple of antennas and 2 stations. Took along my Radio Shack and MFJ FYBO/Bubba thermometers, and watched those puppies climb to 104F by 2pm (got a photo of the thermometer next to the station). The wind was blowing a good 30mph all day. Kinda hot and miserable. Made a few QSO's on 10M QRP SSB and 15M CW. The heat/wind just made me lazy. Of course those two Seagrams wine coolers didn't help either! We decided to wait until the sun went down, cool off a bit, then really get hot. At sundown, we started the steaks. The wind started really gusting bad, so we retreated inside the RV to eat. We figured the wind would die down shortly after sundown - often the case here. But instead, it blew the mag mount Spider off the car and darn near took down the vertical. So we brought down both aerials to avoid any further damage. And waited for the wind to die down. And waited. And waited ...

Finally about midnight, the wind calmed down to 20mph or less, so we put the aerials back up and got on the air. Gee ... only 12 hours after FD started, and I was finally making some serious contacts. What could go wrong now? Never ask that. Those beautiful clouds to the south at sundown blew to the east of us and began a horrific lightning storm. No biggie, at least until the thunder started shaking my fillings loose. That's when it dawned on me, sitting on top of this mesa makes us the highest object for about 20 miles around. So we tore down the antennas again and

disconnected everything about 1:30am and sat in the hopefully lightning proof RV to wait out the lightning storm. Funny how a storm can just stall out on you about 5 miles away and crack and boom for hours. It was about 4am when all the racket from that stopped.

About 9am, got up, already 93F, put the antennas back up and we managed to work a few more stations before noon. Oh, did I mention the wind kicked in again about the time the thunder finally stopped? You just haven't lived until you've experienced sitting there for hours in a 35 mile an hour wind -- with the wind being a pleasant 100 degree air. Like living in a blast furnace. Really wears you thin by sunday morning! Of course another wine cooler didn't help :-)

But it was still fun with a few friends and local ranchers stopping by to see what we were up to. I think that qualifies for the public table thing, doesn't it? -hi. Jan N0QT used the 2020 for SSB and her FT817 for CW, and I used my FT817 for my CW station. This was the first really congested contest I've used the FT817 for, and was very pleased at the CW filter/IF shift performance to clean things up. My only real complaint is it's a bit difficult to change CW speeds in a hurry when you have to suddenly slow down for someone or a repeat. Too many button pushes to sequence the menu, change speed, and store it to activate. A bit less than 200 total contacts powered from a 12V lawn mower battery, charged by solar panels, which went from 12.8 to 12.6V over the duration of FD. Not bad at all. Logging was by paper and pencil. Jan got a couple of those chargeable LED candle things from C. Crane. Turns out, they are fairly nice for casting enough light all night long to illuminate the gear and logs, and the amber color kept the bugs away. They were still glowing when the sun came back up.

This was the first time we attempted QRP SSB. It was a rather disappointing experiment. QRP works great on CW, but seems very hard to break those SSB pileups when everyone else is at least 100W.

Saturday evening, about sundown, the smoke from the Arizona fires began to move down the Rio Grande valley from the north. In no time, it was so thick, you could barely see a mile, and it smelled like campfire smoke mixed with turpentine and sulfur. Today, several days later, the smoke situation is about the same. We can barely see 10,000 foot Socorro Peak only 3-4 miles away and everyone in town is feeling the constant discomfort from the smoke ... burning eyes, sore throat, congested lungs. It makes you realize how awful it must be for those near the fires and who had to evacuate. Many hams are helping with emergency communications with these fires. You reflect on the forest fire smoke and 9-11, and it makes you realize how important it is to always be ready with having an emergency station to setup -- even if you did only manage a few QSO's. The important thing, you proved you could setup a station and provide

communications in an emergency if it were for real. The real point of FD.

Hope everyone else had fun, regardless of the Q's or score, heat or wind, or time able to give the event. It always seems to bring fun.

72, Paul NA5N and Jan N0QT
2B NM

Date: Thu, 27 Jun 2002 20:15:59 -0400
From: "N3BJ" <N3BJ@hotmail.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [128665] FS: TenTec 1254 SWL RX
Message-ID: <0E35C19FopYCYC98Bi89Q0000028d@hotmail.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

For Sale: TenTec Model 1254 SWL radio, nice RX, check out the specs.

<http://www.tentec.com/tk1254.htm>

Works FB, great for AM DXing or casual listening on CW or SSB. Really quite a good RX compared to others in it's price range. Solder iron burn on bottom of front escutcheon, not visible from front, otherwise very nice inside and out.

Offered first here, then on to the usual lists.

\$150 shipped

Alan, N3BJ
Bent Mountain, VA

Date: Thu, 27 Jun 2002 19:32:58 -0500
From: "Gordon Couger" <gcouger@provalue.net>
To: <lmairs@cox.net>,
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [128666] Re: "The Magazine" - a rip off!
Message-ID: <07a201c21e3b\$5a3239e0\$ab2dccd0@home>
MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I use Spam Killer too but it does not ease the problem of spam loading the network or your machine. It actually increases the work and traffic on your machine. But it does get rid of most of the spam. It makes you handle your real mail twice. And I am not sure how it deletes the spam on the host mailer.

73

Gordon W5RED

: I belong to the ARRL but do not use their mail alias feature. My company
: had DSL service thru AT&T. All was fin until AT&T sold the small business
: business to somebody else. The new owners must have immediately sold the
: mailing list. The spam has almost shut down our company email service. I
: just bought McAfee's Spam Killer after I had 2 real messages and 23 spams
in
: my company mail box. It works great! For only \$29.95 I'm no longer
: reminded that something might need enlargement...
: 73 de Lee KM4YY

:
:
:

: ----- Original Message -----
: From: "Francis Callahan" <colcal@srv.net>
: To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
: Sent: Thursday, June 27, 2002 5:50 AM
: Subject: Re: "The Magazine" - a rip off!

:
:

: > I don't belong to ARRL or get mail from them but I get the enlarge it
: myself
: > at least once a day sending nasty messages insulting thier mentality
: dosen't
: > stop them 72 Cal KF7ET

: > ----- Original Message -----
: > From: "Pat J. Whelton" <pwhelton@hal-pc.org>
: > To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
: > Sent: Wednesday, June 26, 2002 6:15 PM
: > Subject: Re: "The Magazine" - a rip off!

: >
: >

: > > Yea, I get those "Enlarge Your Watchamacallit" notes too ever since I
: > > created a email forwarding address at the ARRL. One of those
: > > YOURCALL@ARRL.NET deals. Ever since then I get one of the "Enlarge"

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: > > messages every couple of days. I just created a message rule that
looks
: > for
: > > the words "Enlarge Your Watchamacallit" in the subject and if its
found
: > send
: > > it to a folder I've named SPAM. I also removed the ARRL email
: forwarding
: > > address. I'm afraid I doomed to get the "Enlarge Your Watchamacallit"
: > notes
: > > until I change my primary email address.
: > >
: > > ----- Original Message -----
: > > From: "W2AGN" <w2agn@w2agn.net>
: > > To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
: > > Sent: Wednesday, June 26, 2002 7:16 AM
: > > Subject: Re: "The Magazine" - a rip off!
: > >
: > >
: > > > On 25 Jun 2002 at 17:30, Steve McDonald wrote:
: > > >
: > > > >
: > > > > Suggestion, don't buy the cut rate Viagra.....
: > > > >
: > > > > ....tell us what happened John?
: > > > >
: > > > Nothing. I don't need Viagra. I merely suggest that some that do,
get
: the
: > > good stuff. I keep getting those "Buy Viagra Cheap" spams. Of course I
: also
: > > get "Enlarge your
: > > > Breasts," (and other parts).
: > > >
: > > > --
: > > >
: > > > /_ \ /_ \ /_ \ /_ \ /_ \ John L. Sielke
: > > > ( W )( 2 )( A )( G )( N ) http://www.w2agn.net
: > > > \_ / \_ / \_ / \_ / \_ / ARCI, NJQRP, ARQrp,GQRP,RSGB
: > > > Ex- K3HLU, W7JEF, W4MPC, N4JS
: > >
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Date: Thu, 27 Jun 2002 19:17:31 -0500
From: "Stuart Rohre" <rohre@arlut.utexas.edu>
To: <qrp-1@lehigh.edu>
Subject: [128667] RE FD rules on automation
Message-ID: <017101c21e39\$319e1cd0\$4e100a0a@rohredt2000>

The robot station or one man and multiple stations seems to come under the rule which clearly states "no switching devices allowed" -see ARRL Field Day rules, or maybe the general contest rules.

72,
Stuart K5KVH

Date: Thu, 27 Jun 2002 20:36:40 -0400
From: "John Paul Keon" <jpkeon@nc.rr.com>
To: <cjl@mitre.org>,
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [128668] Re: NEQRP CW Net, 27 June 02, 8:30 PM EDT, 3.565 MHz
Message-ID: <00e301c21e3b\$df65f520\$6401a8c0@nc.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Well,
I set up and have the rig ready to go to check in from NC in Raleigh. Wouldn't you know it. We have had a drought for 39 days, no storms, no rain or anything. Tonight the rain GODS have blessed us with torrential downpours. We are getting better than 1 to 2 inches an hour of pure pouring rain. It is beautiful; however, we are getting the lightning and thunder too. So, we are not going to get to check in tonight. Sorry, Gang, but I was going to try and surprise you from the Knightlites as WQ4RP and check in, but to no avail tonight. I can't hear anything but static and static crashes.

John Paul, Raleigh, NC [AB4PP]
<http://www.knightlites.org>
"We all take different paths in life, but no matter where we go, we take a little of each other everywhere."

Subject: NEQRP CW Net, 27 June 02, 8:30 PM EDT, 3.565 MHz

> The New England QRP Club's WQ1RP 80M CW net meets again on Thursday
> night, 27 June 2002, at 8:30 PM EDT (00:30Z, 28 June 02)

Date: Thu, 27 Jun 2002 19:20:15 -0500
From: "Cecilio A. Bayona" <KD5NWA@MBayona.com>
To: "'Low Power Amateur Radio Discussion'" <qrp-1@Lehigh.EDU>
Subject: [128669] RE: NM FD Post Mortem
Message-ID: <000001c21e39\$94057530\$973d010a@SEGLIO>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="us-ascii"
Content-Transfer-Encoding: 7bit

I got one more exciting for you, the Bentonville, AR. HAM Club was having it's field day near Pea Ridge Battlefield Park and someone fired several shots at the group, bullets went flying through their site but nobody was hit.

Cecil
KD5NWA

-----Original Message-----
From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU] On Behalf Of na5n@zianet.com
Sent: Thursday, June 27, 2002 7:01 PM
To: Low Power Amateur Radio Discussion
Subject: NM FD Post Mortem

Gang,
Had a really fun Field Day, but not one that wracked up the points as in years past. Our initial plans for a nice high spot in the San Mateo Mountains fell apart due to the extreme fire danger restrictions around here, which have pretty much closed all access roads into the mountains and forests. So we decided to setup atop a 5200 foot mesa east of the Rio Grande north of Socorro ... basic true desert country with no restrictions, simply because there is nothing to burn. And even if I did manage to start a dead grass fire, it would have merely blown over to burn down Texas. No biggie :-)
Hope everyone else had fun, regardless of the Q's or score, heat or

wind,
or time able to give the event. It always seems to bring fun.

72, Paul NA5N and Jan N0QT
2B NM

Date: Thu, 27 Jun 2002 19:25:27 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: QRP-Canada <qrp-canada@neale.gpfn.sk.ca>,
Low Power Group <qrp-l@lehigh.edu>
Subject: [128670] Fox - Summer Hunt Teams.
Message-ID: <Pine.LNX.4.33.0206271923340.12609-100000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

The NE-TX Tornados -	The Raiders of the Lost RF -
W5YR - George	Rob - VE6JAZ
W5TB - Doc	Dan - VE6EX
NM5M - Eric	Fred = VE3FAL
K5DW - Don	Earl - VA6RF
KD5KXF - Mike	Bruce - VE5RC

The Piggie Team -	The Cheeseheads -
KJ0C - Jim	Craig - VE4WI
WR50 - Dave	Jim - WA9TZE
W9HL - Randy	Glenn - WE9K
K9DI - Wayne	Lon - W9XU
W8DIZ - Diz	Rick - NK9G

The Cajun Thunder -

K5EOA - Wayne
N5IB - Jim
AA50 - Vern
N5YFC - Wayne
AC5JH - Tom

...anymore Teams for the hunt?...GOOD LUCK tonight everyone!...

..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272

A-1 Operator Club - 10/10# 944 - QRP Borg#1 - Whiner#10 -
- VE5QRP SOC#11 - VE5RC SOC#12 - oo#148 - K2#2032 - COG#15 -
"QRP! How sweet it is!" "I am da man wit "DAH" paddle!"

Date: Thu, 27 Jun 2002 22:07:39 -0400
From: "W8DIZ" <w8diz@fpqrp.com>
To: <qrp-1@lehigh.edu>, <fpqrp-1@fpqrp.com>
Subject: [128671] First Truffle Hunt for the Summer results
Message-ID: <005201c21e48\$94f1ac20\$def41b41@intranet>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Thanks to all that participated. Here are the results listening near 14062.7
19 Q's in 30 minutes...maybe better next time...

W5YR	559	TX	George	5W
K3NG	559	PA	Goody	5W
K5SR	559	TX	Dave	5W
N9NE	559	WI	Todd	5W
K5JHP	559	TX	Bill	5W
K5EOA	559	LA	Wayne	5W
NN5E	559	TX	Varn	5W
KK5LD	559	TX	DP	5W
AG0T	339	ND	Tom	4W
W5TB	559	TX	Doc	5W
N3XRV	559	PA	Chris	5W
AA50	559	LA	Vern	5W
KB7WW	559	OR	Art	5W
KD4FSN	559	FL	Juan	4W
K3ESE	559	MD	Lloyd	5W
VE5RC	229	SK	Brice	5W
W6ABC	559	CA	Jack	5W
KZ5J	559	TX	Pat	5W
N3AO	559	PA	Carter	5W

Station here is a IC-746 at 5W using a
470 foot Horizontal loop at an average height
of 40 feet, fed with 300 ohm twin

-72, Diz, W8DIZ

Date: Thu, 27 Jun 2002 22:09:17 -0400
From: Fred Lesnick <flesnick@tbaytel.net>
To: QRPL <qrp-l@lehigh.edu>
Subject: [128672] Nere a foxii here
Message-ID: <3D1BC54D.1A072565@tbaytel.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

It is 0207, and so far no sight of dem fox in me old peep sight.
Gonna hafta keep on keepin on, and post me a ear a little closer to teh
achshun..

Fred
VE3FAL

Date: Thu, 27 Jun 2002 22:10:33 -0400
From: Howard Rubin <hrubin1970@comcast.net>
To: myetsko@insydesw.com
Cc: qrp-l@lehigh.edu
Subject: [128673] RE: Virtual Morse key?
Message-ID: <NGBBIJLJALHNLHMDICMPIECPCHAA.hrubin1970@comcast.net>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

Mike,
Of course, one could interrupt a light beam. It's almost touchless, give or
take a few quadrillion photons.
Howard, N3FEL

-----Original Message-----

From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU] On Behalf Of
Mike Yetsko
Sent: Thursday, June 27, 2002 8:25 AM
To: Low Power Amateur Radio Discussion
Subject: Re: Virtual Morse key?

> I've just ordered some sample ADXL202E accelerometers from ADI, for
> experimenting with a virtual keyboard, by mounting them on a glove, at

the
> ends of the fingers. It struck me that one could be attached to the end
of
> one finger, which could then be wiggled in some way, or tapped on the
table,
> to generate signals that could be interpreted as morse. They are quite
> small, BTW, only 5 mm square.
>
> 73, Leon

You do realize the software task facing you to do this, right? But it
just
might be do-able... If you used the acceleration data to fix of
'position slider' in memory. And let it have a 'threshold' that drug
your 'slider' back to the closest of three nulls any time you fell below
a calculated velocity value... Or an extended fixed velocity value...

It might be quite an interesting project!

Mike

Date: Thu, 27 Jun 2002 22:14:02 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>
To: "Howard Rubin" <hrubin1970@comcast.net>
Cc: <qrp-1@lehigh.edu>
Subject: [128674] Re: Virtual Morse key?
Message-ID: <001d01c21e49\$7af7c7e0\$0300a8c0@charter.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> Mike,
> Of course, one could interrupt a light beam. It's almost touchless,
give or
> take a few quadrillion photons.
> Howard, N3FEL

True, but then that's a 'position' type sensor. In line with the original
intent of the post that started this, I think it would be something that
would work anywhere, anytime, with NO external physical contact
or parameters, including spatial positioning, which you would have if
you had to interrupt a light beam.

Mike

Date: Thu, 27 Jun 2002 21:16:10 -0500
From: Tim Pettibone <k5oi@cox.net>
To: qrp-1@lehigh.edu
Subject: [128675] Where are the foxes?
Message-ID: <5.1.0.14.0.20020627211524.009ea520@pop.central.cox.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Am I just deaf or are the foxes hidden out there somewhere?

Tim K5OI
Stillwater, OK

Date: Thu, 27 Jun 2002 22:17:13 -0400
From: ik7565@erols.com
To: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [128676] Re: FD fun,,,,,, and a question
Message-ID: <3D1BC729.285B31E0@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

About the time you sneak out for a cold one the rig would QSY to 75m and start rag-chewing with the other robot rigs: "yea, my lazy op went to get a beer, he'll be bitching about my low qso rate when he gets back..."

73 de Ian N8IK

Ron KU7Y wrote:

>
> Hi All,
>
> Someone said:
>
> >>Maybe next year I'll operate 65A...single op.
>
> > You know, with the right software and networked computers you could do > it -

> > have a computer per rig that captures the call from each station that calls
> > you, routes it to your central terminal where it plays / displays it to
> > you, and sends your response back out.
>
> > I -assume- robot stations are not allowed. Otherwise it'd be easy.
>
> Not really!
>
> There have been many attempts at rig automation but they have all come up WAY
> short in the end. The problem is that no one has yet been able to get a
> computer to copy only one station out of a pile of stations!
>
> There have even been some contests within contests to see just how good it could
> be done. I seem to remember numbers around 20 to 30 QSO's in a 24 hour period,
> not really something to write home about!
>
> Someday.... maybe.....
>
> OK, back in my hole...
>
> Ron, KU7Y
> ku7y@qsl.net
> Full Time RVing somewhere in the West.
> Currently back in Boise, ID.

Date: Fri, 28 Jun 2002 02:27:17 +0000
From: Arthur Moe <kb7ww@easystreet.com>
To: k5oi@cox.net
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [128677] Re: Where are the foxes?
Message-ID: <3D1BC985.5777C838@easystreet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Doc is doing good job on about .056 but don't hear Paul any one hearing him??

Art
KB7WW

Tim Pettibone wrote:

>
> Am I just deaf or are the foxes hidden out there somewhere?
>
> Tim K5OI

> Stillwater, OK

Date: Thu, 27 Jun 2002 21:33:05 -0500
From: "Don Wines" <dwines@tyler.net>
To: <k5oi@cox.net>,
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [128678] Re: Where are the foxes?
Message-ID: <001801c21e4c\$224b4060\$baf74c42@coxinternet.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

I worked Doc at 14.057 at 0218 but haven't heard Paul or any of his hounds yet.

72
Don, K5DW
k5dw@arrl.net
QRP-L #2083 QRP-ARCI #10145 NETXQRP #3
Visit the NETXQRP Web Site at <http://www.netxqrp.org>

----- Original Message -----
From: "Tim Pettibone" <k5oi@cox.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Thursday, June 27, 2002 9:16 PM
Subject: Where are the foxes?

> Am I just deaf or are the foxes hidden out there somewhere?
>
> Tim K5OI
> Stillwater, OK
>
>

Date: Thu, 27 Jun 2002 19:39:38 -0700
From: "Rich Wilkerson" <richqrp@cox.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [128679] Re: Where are the foxes?
Message-ID: <000b01c21e4d\$0d31fc90\$945a0844@cx55215a>

MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Also just got Doc on .056, at 0237
cant find Paul either
72's, Rich WD6FDD

----- Original Message -----

From: "Don Wines" <dwines@tyler.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Thursday, June 27, 2002 7:33 PM
Subject: Re: Where are the foxes?

> I worked Doc at 14.057 at 0218 but haven't heard Paul or any of his hounds
> yet.

>

> 72

> Don, K5DW

> k5dw@arrl.net

> QRP-L #2083 QRP-ARCI #10145 NETXQRP #3

> Visit the NETXQRP Web Site at <http://www.netxqrp.org>

>

> ----- Original Message -----

> From: "Tim Pettibone" <k5oi@cox.net>

> To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

> Sent: Thursday, June 27, 2002 9:16 PM

> Subject: Where are the foxes?

>

>

> > Am I just deaf or are the foxes hidden out there somewhere?

> >

> > Tim K5OI

> > Stillwater, OK

> >

> >

>

>

Date: Thu, 27 Jun 2002 21:39:45 -0500

From: "w5tb" <w5tb@arrl.net>

To: <kb7ww@easystreet.com>,

"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>

Subject: [128680] Re: Where are the foxes?

Message-ID: <000901c21e4d\$10f4f800\$0300a8c0@altn1.tx.home.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

nothing heard from Paul in N tex -- doc loud es clear -- no hound heard =
on Paul

72, 73, oo T.E. 'Doc' Drake, W5TB
Arlington, Texas
FISTS # 5365 QRPARCI # 3532 ARRL Life Member K1 #181 K2#1617=20
----- Original Message -----=20
From: "Arthur Moe" <kb7ww@easystreet.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Thursday, June 27, 2002 9:27 PM
Subject: Re: Where are the foxes?

> Doc is doing good job on about .056 but don't hear Paul any one =
hearing him??
>=20
> Art
> KB7WW
>=20
> Tim Pettibone wrote:
> >=20
> > Am I just deaf or are the foxes hidden out there somewhere?
> >=20
> > Tim K50I
> > Stillwater, OK
>=20

Date: Tue, 27 Jun 2000 21:41:29 -0500
From: "Mike Malone" <mmalone@worldlogon.com>
To: <dwines@tyler.net>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [128681] Re: Where are the foxes?
Message-ID: <003e01bfe0aa\$5def76e0\$caf6a7cc@malone-family>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

No signs of Paul yet. Got Doc at 0209 solid 579 here. PAULY were are ya?

-----Original Message-----

From: Don Wines <dwines@tyler.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Date: Thursday, June 27, 2002 9:39 PM
Subject: Re: Where are the foxes?

>I worked Doc at 14.057 at 0218 but haven't heard Paul or any of his hounds
>yet.

>

>72

>Don, K5DW

>k5dw@arrl.net

>QRP-L #2083 QRP-ARCI #10145 NETXQRP #3

>Visit the NETXQRP Web Site at <http://www.netxqrp.org>

>

>----- Original Message -----

>From: "Tim Pettibone" <k5oi@cox.net>

>To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

>Sent: Thursday, June 27, 2002 9:16 PM

>Subject: Where are the foxes?

>

>

>> Am I just deaf or are the foxes hidden out there somewhere?

>>

>> Tim K5OI

>> Stillwater, OK

>>

>>

>

Date: Thu, 27 Jun 2002 20:51:47 -0600 (MDT)

From: "Karl F. Larsen" <k5di@zianet.com>

To: Arthur Moe <kb7ww@easystreet.com>

Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>

Subject: [128682] Re: Where are the foxes?

Message-ID: <Pine.LNX.4.44.0206272050570.1604-100000@Daisy.dog>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi Art I just worked Doc with my beam north 599 both ways simplex. He is not very busy....

On Fri, 28 Jun 2002, Arthur Moe wrote:

> Doc is doing good job on about .056 but don't hear Paul any one hearing him??
>
> Art
> KB7WW
>
> Tim Pettibone wrote:
> >
> > Am I just deaf or are the foxes hidden out there somewhere?
> >
> > Tim K5OI
> > Stillwater, OK
>
>

--

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -
<http://www.zianet.com/k5di/>

Date: Thu, 27 Jun 2002 20:57:25 -0600 (MDT)
From: "Karl F. Larsen" <k5di@zianet.com>
To: Tim Pettibone <k5oi@cox.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [128683] Re: Where are the foxes?
Message-ID: <Pine.LNX.4.44.0206272056020.1604-1000000@Daisy.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Tim, Hi and I think Paul K4FB has a problem since Doc is 599 on 14.056 and I can't hear Paul at all.

On Thu, 27 Jun 2002, Tim Pettibone wrote:

> Am I just deaf or are the foxes hidden out there somewhere?
>
> Tim K5OI
> Stillwater, OK
>
>
>

--

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -
<http://www.zianet.com/k5di/>

Date: Thu, 27 Jun 2002 19:55:51 -0700
From: "Trevor Jacobs" <kg6cyn@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [128684] Re: Where are the foxes?
Message-ID: <00c401c21e4f\$509532c0\$f798b2d1@tjacobs>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Doc's booming into Burbank tonight, just worked him at 02:52 around 14.057. He's running between a 559 early on up to an S9 later as the night progressed. Thanks Doc !!! es nice CW!

73's Trev KG6CYN

----- Original Message -----

From: Karl F. Larsen <k5di@zianet.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Sent: Thursday, June 27, 2002 7:51 PM
Subject: Re: Where are the foxes?

>
> Hi Art I just worked Doc with my beam north 599 both ways simplex. He
is
> not very busy....
>
>
> On Fri, 28 Jun 2002, Arthur Moe wrote:
>
> > Doc is doing good job on about .056 but don't hear Paul any one
hearing him??
> >
> > Art
> > KB7WW
> >
> > Tim Pettibone wrote:

> > >
> > > Am I just deaf or are the foxes hidden out there somewhere?
> > >
> > > Tim K5OI
> > > Stillwater, OK
> >
> >
>
> --
> Yours Truly,
>
> - Karl F. Larsen, k5di@arrl.net (505) 524-3303 -
> <http://www.zianet.com/k5di/>
>

Date: Thu, 27 Jun 2002 23:02:25 -0400
From: Fred Lesnick <flesnick@tbaytel.net>
To: QRPL <qrp-l@lehigh.edu>
Subject: [128685] Worked Doc at 0300
Message-ID: <3D1BD1C1.AA0BD61D@tbaytel.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Just worked Doc at 0300z, his signal is coming up now, had to pump up
to QRO power from 2.5 watts to 5 watts....

Fred
VE3FAL

Date: Thu, 27 Jun 2002 23:05:39 -0400
From: JD Delancy <W1JD@drix.net>
To: qrp-l@lehigh.edu
Message-ID: <3D1BD283.4A1254B@drix.net>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7BIT

Date: Thu, 27 Jun 2002 22:22:38 -0500
From: "w5tb" <w5tb@arrl.net>
To: <flesnick@tbaytel.net>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [128687] no sign of paul?
Message-ID: <005201c21e53\$0e47caa0\$0300a8c0@altn1.tx.home.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

horrid s9+ noise here but no sign of Paul in quiet breaks. :'-(

doc

----- Original Message -----=20
From: "Fred Lesnick" <flesnick@tbaytel.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Thursday, June 27, 2002 10:02 PM
Subject: Worked Doc at 0300

>=20
> Just worked Doc at 0300z, his signal is coming up now, had to pump up
> to QRO power from 2.5 watts to 5 watts....
>=20
> Fred
> VE3FAL

Date: Thu, 27 Jun 2002 23:37:08 -0400
From: Paul Womble <pwomble1@tampabay.rr.com>
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [128688] Fox- K4FB
Message-ID: <3D1BD9E3.D9530975@tampabay.rr.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Sorry gang...got tied up at work and did not get home until 0330z.

Going to 14.062 now for the last 30 minutes.

Paul K4FB

Date: Thu, 27 Jun 2002 21:35:16 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: "Karl F. Larsen" <k5di@zianet.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [128689] Re: Where are the foxes?
Message-ID: <Pine.LNX.4.33.0206272134490.22458-100000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Doc must be skipping over here....too close to ND on 20....

..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272
A-1 Operator Club - 10/10# 944 - QRP Borg#1 - Whiner#10 -
- VE5QRP SOC#11 - VE5RC SOC#12 - oo#148 - K2#2032 - COG#15 -
"QRP! How sweet it is!" "I am da man wit "DAH" paddle!"

Date: Thu, 27 Jun 2002 21:36:58 -0600
From: "Dave WR50" <dendav@dzdn.com>
To: "QRPL" <qrp-l@lehigh.edu>
Subject: [128690] [FOX] K4FB spot
Message-ID: <001b01c21e55\$1004d200\$526357d1@dwinfied>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

14.061.7 listening up

72/73 es oo,

Dave Winfield, WR50
El Paso, Texas DM61ts

FP# -109, SOC #371, ARS #996,
Zombie #793, QRPp #328, ARRL

Ginsberg's Restatement of the Three Laws of Thermodynamics:
You can't win, you can't break even, and you can't quit.

Outgoing mail is certified Virus Free.
Checked by AVG anti-virus system (<http://www.grisoft.com>).
Version: 6.0.372 / Virus Database: 207 - Release Date: 6/20/02

Date: Thu, 27 Jun 2002 22:33:20 -0500
From: Todd Enders <enders@bolshoi.cc.misu.nodak.edu>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [128691] FOX -- K4FB Shows Himself... :-)
Message-ID: <200206280333.AA01361@bolshoi.cc.misu.nodak.edu>
Content-Type: text/plain
Mime-Version: 1.0 (NeXT Mail 4.2mach_patches v148.2)

Paul popped up out of the noise, and I bagged him a bit ago
on 14.062.04 simplex. Go get him!

72/73,

Todd, AG0T

Date: Thu, 27 Jun 2002 23:38:07 -0400
From: Hank Kohl K8DD <k8dd@arrl.net>
To: qrp-1@lehigh.edu
Subject: [128692] [FOX] k4fb
Message-ID: <5.1.0.14.2.20020627233724.02dcb290@mail.arenet.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

k4fb 14061.95

Date: Fri, 28 Jun 2002 03:44:01 +0000
From: Arthur Moe <kb7ww@easystreet.com>
To: qrp <qrp-1@lehigh.edu>
Subject: [128693] Truffles and foxii
Message-ID: <3D1BDB81.D0A5F918@easystreet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

What a way to break in a new new rig!!! One truffle and 2 foxes.

Thanks ALL

Art
KB7WW

Date: Thu, 27 Jun 2002 19:50:33 -0800
From: Jim Larsen - AL7FS <AL7FS@arrl.net>
To: "qrp-1@lehigh.edu" <qrp-1@lehigh.edu>
Subject: [128694] Re: [FOX] K4FB spot
Message-ID: <3D1BDD09.B5412D02@ARRL.NET>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

It is great everyone gave up cuz that made it a "piece of cake" for me.
heehee. :-)

73, Jim

--

Jim Larsen, AL7FS, Anchorage, Alaska
(BP51cc) - 61.101 North, 149.824 West
mailto:al7fs@arrl.net - <http://www.qsl.net/al7fs/>

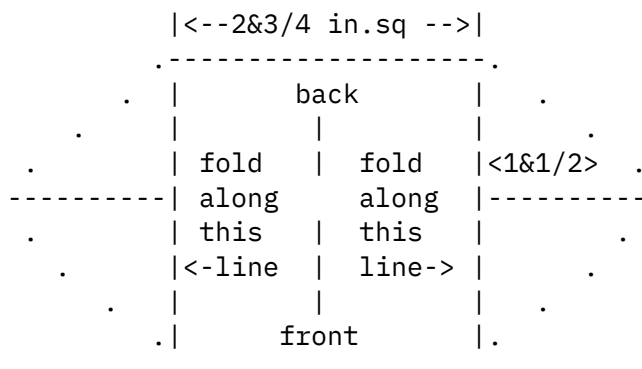
Dave WR50 wrote:

>
> 14.061.7 listening up
>

Date: Thu, 27 Jun 2002 21:53:34 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: QRP-Canada <qrp-canada@neale.gpfn.sk.ca>,
Low Power Group <qrp-1@lehigh.edu>
Cc: <ham_tech@juno.com>
Subject: [128695] SD-1 - a simple project - (fwd)
Message-ID: <Pine.LNX.4.33.0206272151550.23238-100000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I have been working on my design for what I'm calling the SD-1 (Sound Deflector-1) for the little speakers on my qrp rigs...after some sketching, measuring and "tossing the idea around" I made a prototype out of heavy bristol board....it folds down flat when not in use...I used velcro for the "hinges" and to hold it down in the closed position.... there's nothing "new" here but the simplicity and "no cost" of this project appealed to me and above all IT WORKS!

I will try to give you a diagram here along with measurements so that if you are interested you might want to make one out of the same material or another material and see how it sounds?...so here it is...have fun!



...so the central "body" is 2&3/4 inches square and the 2 triangular "flaps" on either side of the "body", go out a distance of 1&1/2 inches... the prototype uses velcro hinges...1 larger or 2 small ones at the BACK to attach the SD-1 to the rig chassis top...

....when not in use, the 2 flaps fold in under the top piece of the SD-1 so the unit is almost flat...there is a small piece of velcro where the word "front" is to hold the folded down SD-1 to the chassis top, covering the speaker, which is mounted inside the chassis top facing upwards...

...to use the SD-1, just pull the device upwards at the front which "unsticks" the velcro at the front; the 2 flaps drop down and rest upon the top of the chassis exposing the speaker holes....the SD-1 is now ready to deflect the audio towards the operator....

....I showed the prototype to everyone at the QRP Get-together and it evoked a chuckle from the assembled qrpers...HI HI...gosh, now that I think of it, I don't know if that "chuckle" meant approval or not?... HAR!... hmmm...maybe I should have powered the SW-30 up and demoed it?.....at any rate, I proved that my simple mind can produce a simple device eh!?!?.....HAR!.....but it DOES work!..... ;-))

.....72 - Bruce (VE5RC+VE5QRP)

Date: Thu, 27 Jun 2002 21:56:15 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: Low Power Group <qrp-l@lehigh.edu>
Subject: [128696] FOX-K2#2032
Message-ID: <Pine.LNX.4.33.0206272154250.23238-100000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Not bad for my K2's first hunt...one truffle and one fox..."How sweet it is!"

..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272
A-1 Operator Club - 10/10# 944 - QRP Borg#1 - Whiner#10 -
- VE5QRP SOC#11 - VE5RC SOC#12 - oo#148 - K2#2032 - COG#15 -
"QRP! How sweet it is!" "I am da man wit "DAH" paddle!"

Date: Thu, 27 Jun 2002 23:06:20 -0500
From: "George, W5YR" <w5yr@att.net>
To: dendav@dzn.com
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [128697] Re: [FOX] K4FB spot
Message-ID: <3D1BE0BC.10BA784F@att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Yep, the height of frustration is hearing Paul for the first time all evening 3-1/2 minutes before the end of the Hunt, and he is working a DX station!! GRRRRRRR!!

Well, maybe the guy will QSL for him . . .

Did you work him, Dave? Thanks for the spot - right where I had been listening.

73/72/oo, George W5YR - the Yellow Rose of Texas
Fairview, TX 30 mi NE of Dallas in Collin county EM13qe
Amateur Radio W5YR, in the 56th year and it just keeps getting better!
QRP-L 1373 NETXQRP 6 SOC 262 COG 8 FPQRP 404 TEN-X 11771 I-LINK 11735
Icom IC-756PRO #02121 Kachina 505 DSP #91900556 Icom IC-765 #02437

Dave WR50 wrote:

>
> 14.061.7 listening up
>
> 72/73 es oo,

Date: Thu, 27 Jun 2002 22:07:56 -0600
From: "Al Dawkins" <alk0frp@attbi.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [128698] fox
Message-ID: <007e01c21e59\$62573440\$0200a8c0@als>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

got Paul at 0340Z
No Doc too close 1000 miles out
+ one - one even par
Al K0FRP

Date: Thu, 27 Jun 2002 23:08:06 -0500
From: "Jay Henson" <aj4ay@worldnet.att.net>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [128699] Foxii
Message-ID: <000b01c21e59\$68e8b900\$a071560c@default>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Folks,

Mother nature was hard at work this evening with thunder boomers starting around 0120 and lasting till 0215. Although it did cut into the truffle/fox hunt time, I am not complaining. Mobile is about 12 inches down on its

rainfall for the year and we have had very little since the first of May until last Friday. Good to see it but it did impact FD and the fox hunts.

Doc K0EVZ was really booming into AL this evening. It took a few minutes to figure out where he was listening and I was able to work him quickly. My standard 559 report was given out of habit. It really should have been 579. AT 0330 or so, Doc was looking for hounds so I cranked the power down to 500mw and worked him again in true SOC style. Thanks Doc. EXCELLENT signal.

I was unable to locate Paul or hear the hounds calling him so I guess the band was acting long.

Anyhow, 50% right out of the box. I'm smiling - doing the happy dance, etc.....

See you on the radio.

Jay

AJ4AY Mobile, AL

FISTS #7917 ARI #8131 SOC#220 FP# - 115

Date: Fri, 28 Jun 2002 00:40:35 -0400
From: Paul Womble <pwomble1@tampabay.rr.com>
To: QRP-L <qrp-l@lehigh.edu>
Subject: [128700] Fox-K4FB Log
Message-ID: <3D1BE8C2.98FA4A8B@tampabay.rr.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Sorry guys/gals for missing most of the operating period. Had to run a presentation and it went into overtime.

I didn't know if anyone had jumped into my slot so went and found Doc. Started not to get on...but checked email real fast and it didn't look like anyone filled in.

Nice DX at the end...conditions seemed good. AL7FS was nice and strong along with the Left coast guys.

Funny to only work two Pesky Texans!

73

Paul K4FB

3:30 K0EVZ 559 ND DOC 5W
3:30 N1FN 559 CO ET 5W
3:31 WR50 559 TX DAVE 5W
3:32 AG0T 559 ND TODD 4W
3:34 K8DD 559 MI HANK 5W
3:35 AC7A 559 AZ TOM 5W
3:36 WA9TZE 559 WI JIM 5W
3:36 K3NG 559 PA GOODY 5W
3:37 KB7WW 559 OR ART 5W
3:38 WE9K 579 WI GLEN 5W
3:38 K0FRP 579 CO AL 5W
3:39 W9XU 559 WI LON 5W
3:40 N9ETW 559 WI JERRY 5W
3:41 K5EOA 559 LA WAYNE 5W
3:42 VE5RC 559 SK BRUCE 5W
3:44 NK9G 559 WI RICK 5W
3:45 K3ESE 559 MD LLOYD 5W
3:46 VE4WI 559 MB CRAIG 5W
3:48 AL7FS 559 AK JIM 5W
3:50 VA6RF 559 AB EARL 5W
3:52 AA50 559 TX VERN 5W
3:55 NV4V 559 KY PETE 5W
3:57 WA8BXN 559 OH MIKE 5W
3:59 US8IR 559 DX VIC 100
4:00 K4FB 559 FL FOX 5w

Date: Thu, 27 Jun 2002 23:46:20 -0500
From: "wilford lindsey" <dock0evz@earthlink.net>
To: "qrp-l reflector" <qrp-l@lehigh.edu>
Cc: "doc k0evz earthlink" <dock0evz@earthlink.net>
Subject: [128701] Thanks for great Opening Night [g]
Message-ID: <412002652844620145@earthlink.net>
MIME-Version: 1.0
Content-Type: text/html; charset=US-ASCII

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So my approach to this new hobby was to buy the books ----
"Table Top Machining" by Joe Martin and "Machining Fundamentals"
by John R. Walker the latest ones that I could find and checked
out others from the library.

So my first project is two spherometers used to measure curvature
of concave surfaces of large telescope mirrors. I'm working on a
24" reflector and then a 1 meter one.

I bought a 4" rotary table (Phase II) and another one from Sherline
that I should get tomorrow. I have used the lathe to make all but
one piece that I need for the two spherometers. I have 1/4" brass
plate cut into 7" squares (this is the only time you'll see me use
English measurements and I apologize). I want to use the Mill
with the rotary table to make a 7" circular plate. Here is where
I need the expertise. What jig do I make to hold down the
plate? There is no center bolt through the table and I don't
want to make multiple holes in the plate off center to hold it
down.

So, the problem as I see it is to make a plate rectangular that
hold the plate in place on the corners that will eventually be
removed from the center 7" section. Or should I go ahead and
get a center bolt and machine on the lathe the bottom washer
with tap to hold the plate down? This is one of those catch 22
problems as I see it (I may be standing too close to the
forest to see the trees) to make something circular without
having a circular holding device.

I am going ahead with machining a flat plate from Al to
hold down the brass plate until I hear from someone that I
am doing it the hard way. I'm learning as I go. I'll take a URL
if you have one. I didn't find anything in my searches.

By the Ft Tuthill hamfest I will have a K7QO Iambic Paddle
made from brass. I have the plans made up and some of
the parts already machined. I'm excited about this project.
But you have to come to Ft Tuthill to see it. No web pics.... :-)
It will have four bearings and play like a high dollar violin.

As most of you know, Hensley is no longer doing paddles.
WBL Designs also is gone. The reason is fairly simple.
It takes a lot of time to make these things and if you haven't
done it you probably haven't done the math to estimate the
time involved. I spent a lot of time making two simple
instruments from brass. Filled up a large trash can with
long brass filaments made from less than 0.2 lbs of brass
taking off 3 mils per layer on a small part. But it was

good R&R and plain fun IMHO. I love to work with brass and it pretty cheap material at the surplus price of \$2 per pound down in PHX. The going rate of \$500+ for high-end paddles was cheap when you sit down and figure out the manual labor involved.

Thanks in advance for the help and I hope I didn't go as far off topic as the postings I have been seeing. :-) ;-)

dit dit

P.S. I will have the Lathe, Mill, two rotary tables, small mill vice, and tilting table so I should be able to make anything that I will need in the future. But that doesn't mean that I won't buy something else. :-)

I am also building an optical spectrometer. I have a 9000V 30mA neon sign transformer and I'm in need of some gas filled tubes for calibrating the instrument. I have an outfit in PHX making me two 12cm long tubes that are 12mm in diameter for neon and argon. Any other sources greatly appreciated.

So many toys and so little time.....

Chuck Adams, K7QO CP-60 k7qo@earthlink.net
<http://www.qsl.net/k7qo>

Moving to Arizona? --- Bring your own water, please.

Date: Fri, 28 Jun 2002 00:58:47 -0400
From: Pete Burbank <plburbank@kih.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [128703] Re: Fox- K4FB
Message-ID: <5.0.2.1.0.20020628004923.00acdec0@KIH.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 11:37 PM 6/27/2002 -0400, Paul Womble wrote:
>Sorry gang...got tied up at work and did not get home until 0330z.

>
>Going to 14.062 now for the last 30 minutes.
>
>Paul K4FB

Paul' glad you got on es tn timerstorm here with a couple
REALLY close hits so did not make the hunt
until the very last minute. Could not hear Doc. I have noticed before that
sometimes fronts seem to block signals.
Doc usually booms into here
Vy 73 Pete NV4V Ky

Date: Thu, 27 Jun 2002 22:51:35 -0700
From: Phil Wheeler <w7ox@earthlink.net>
To: k7qo@earthlink.net
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [128704] Re: Machining Help needed [long]
Message-ID: <3D1BF967.3050200@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=windows-1252; format=flowed
Content-Transfer-Encoding: 7bit

Chuck Adams wrote:

> The going rate of \$500+ for high-end
> paddles was cheap when you sit down and figure out the
> manual labor involved.

Got that right, Chuck. The Schurrs et al cannot be other than a labor
of love.

73, Phil

Date: Fri, 28 Jun 2002 1:54:49 -0500
From: "wilford lindsey" <dock0evz@earthlink.net>
To: "qrp-1 reflector" <qrp-1@lehigh.edu>
Cc: "doc k0evz earthlink" <dock0evz@earthlink.net>
Subject: [128705] Re Paul K4FB's outing tonight
Message-ID: <412002652865449670@earthlink.net>

MIME-Version: 1.0
Content-Type: text/html; charset=US-ASCII

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<P>
<DIV></DIV>
<DIV>Gang:</DIV>
<DIV>&nbsp;</DIV>
<DIV>Paul has written me&nbsp;that he simply&nbsp;got home late from&nbsp;work
tonight.&nbsp; He would have preferred to be on the air at the appointed time, for
sure [g].&nbsp; But just like the rest of us, he has a life and a job.&nbsp;
Thanks Paul for jumping in there when you could.&nbsp; Now let's look forward to
the next outing.</DIV>
<DIV>&nbsp;</DIV>
<DIV>73,</DIV>
<DIV>--Doc/K0EVZ</DIV>
<DIV>&nbsp;</DIV>
<DIV>--- <A href="mailto:dock0evz@earthlink.net">dock0evz@earthlink.net</A></DIV>
<DIV>--- EarthLink: The #1 provider of the Real Internet.</DIV>
<DIV>&nbsp;</DIV>
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Date: Fri, 28 Jun 2002 18:46:51 +1000
From: "Adam" <jabba@w3.to>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [128706] Re: "The Magazine" - a rip off!
Message-ID: <00ce01c21e82\$32f08340\$4a128aca@kids>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

> Lee Mairs wrote:

> I recently started using SpamKiller, too, Lee. I agree! It is a very
> useful product, especially if you are connected all the time as I am. I
> particularly like the way it eases sending complaint messages to the
> ISPs from which spam is being sent. Some of them DO care. Or you can
> forget that and just select all the spam and delete it en masse.
>
> It has a very capable tool for adding filters. My recent bugaboo has
> been lots of (graphic intensive) junk mail from Korea in Korean (i.e.,

> unreadable). I now have filters that get rid of anything from a .kr
> domain or using one of several Korean character sets.

I work in a small company that produces Insulated Panel and I was asked to investigate an e-mail system for the sales and production offices.

We ended up using an old P100 as a gateway running Mercury through a permanent dial up. Mercury is a sort of go between e-mail server that collects e-mail from where ever you tell it, then filters it and sends it on to its intended destination. The beauty of the system is that it can scan e-mails for virus infection plus filter for unwanted content. Best of all it is free and works with any e-mail client.

I realise that it may not be as user friendly as Spamkiller but for our small company it is second to none. And don't think this server can not be used for large corporations, it can, and you can set up e-mail lists, address servers, file distributions etc... to boot.

If you feel like having a tinker visit <http://www.pmail.com>

Adam VK4LAJ
<http://www.qsl.net/vk4laj>

Outgoing mail from this account has been scanned and found to be virus free. However, should you find that this email contains a virus please notify the sender immediately.

Checked by AVG anti-virus system (<http://www.grisoft.com>).
Version: 6.0.372 / Virus Database: 207 - Release Date: 20/06/02

Date: Fri, 28 Jun 2002 08:52:37 -0400
From: W2AGN <w2agn@w2agn.net>
To: qrp-1@lehigh.edu
Subject: [128707] Fox Hunt
Message-ID: <3D1C23D5.4444.359AD8C@localhost>
MIME-version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-description: Mail message body

Well, hadn't played fox hunt for a long time, but this one is at a very good time. Went to upstairs shack, got ready for bed, and fired up the Argonaut II. (After

the T-Storms
moved through).

Not a PEEP of a fox. Not even a pileup. Heard one AZ station working Doc around 14,057, that was it.

0 for 1.

--

/ \ / \ / \ / \ / \ John L. Sielke
(W)(2)(A)(G)(N) <http://www.w2agn.net>
_ / _ / _ / _ / _ / ARCI, NJQRP, ARQrp, GQRP, RSGB
Ex- K3HLU, W7JEF, W4MPC, N4JS

Date: Fri, 28 Jun 2002 05:24:21 -0400 (EDT)
From: <n2go@arrl.net>
To: Chuck Adams <k7qo@earthlink.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [128708] Re: Machining Help needed [long]
Message-ID: <Pine.LNX.4.33.0206280516220.473-100000@valhalla.v>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I am new to machining. Other than making a center hole in the plate you can use a faceplate and dogs or an independant jaw chuck to hold irregular shapes for facing. That would depend on the turning capacity of the lathe. I guess that a plate could be placed on top of the rotary table to increase its capacity if you wanted to use the small rotary tables. Then you could use the lathe as a milling machine to do the deed.

For an intro to machining:
<http://155.217.58.58/cgi-bin/atdl.dll/tc/9-524/toc.htm>
73,

Jim n2go

Date: Fri, 28 Jun 2002 13:22:39 GMT
From: Thomas Jennings <jennings@eznet.net>
To: qrp-l@lehigh.edu
Subject: [128709] Fox Hunt... 20 m went to bed...

Message-ID: <20020628132239.9761.qmail@eznet.net>
Mime-version: 1.0
Content-type: text/plain; charset="us-ascii"

Gang,
The earliest I could get up to my shack was 0330 and
20 m was dead. I heard a couple very weak sigs but not
sign of the fox or hounds.
The summer hunt should be a good challenge for us on
the east coast.
73,
Tom kv2x

Date: Fri, 28 Jun 2002 10:31:40 -0400
From: "Ron McConnell" <rcmcc@earthlink.net>
To: "QRP-L" <qrp-l@lehigh.edu>
Cc: "W2IOL" <w2iol@arrl.net>, <radioham@gmx.co.uk>
Subject: [128710] RE: [Somewnat OT] Calculating a Beam Heading...
Message-ID: <000001c21eb0\$86521980\$f5c8a441@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="us-ascii"
Content-Transfer-Encoding: 7bit

Ray,

Here's one more response to your question
in addition to the several good responses
that you have already received.

You may want to try my freeware, lat/long/grid,
great circle (ellipsoid), bearings (true & magnetic),
distance, BBC MaxiMUF, DX database,
DOS command line program GCGC
at
 <http://home.adelphia.net/~nj2dx/hoarc/gcgc9900.zip>

The general DOS command line format is

g [home qth] [dx qth]

With your lat/long (and map) for 27 Harley Road
from

<http://www.maporama.com/share/>

Then for you and me

g 52 45 3 n 1 16 46 w fn20ps

to yield:

287 deg true, 291 deg magnetic, 5510 km
or from my end
50 deg true, 63 deg magnetic, 3424 mi

If you insert your home lat/long (above)
or grid I092is (less precise, but good enough)
as the default home qth as the first line
of ASCII text file home.dat,
the command format is just

g [dx qth]

or

g fn20ps

is the same as above.

g fn20ps f 150

will also do a MUF run for solar flux = 150

"[Somewhat OT]" Not really. :)

I have good intentions of working with your
Koch Method CW Trainer. Thanks for that.
Maybe GCGC can be a small payment. :)

Cheers, 73,

Ron McConnell
w2iol

Date: Fri, 28 Jun 2002 07:55:05 -0700 (PDT)
From: Gary Slagel <gdslagel@yahoo.com>
To: QRP L <qrp-l@lehigh.edu>
Cc: Dave Hottell <hottell@gulftel.com>
Subject: [128711] Re:Re: Antenna idea feedback pse

Message-ID: <20020628145505.93005.qmail@web11606.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Dave,

Man... perfect information, I really appreciate it. I was going to reply privately but thought this was pretty interesting so I sent it to the list.

>From the opinions I received, I wasn't sure if I was going to get 1) a little increased gain and lower angle of radiation or 2) a way HIGHER angle of radiation, so I was a little confused. Your numbers from ezec bear out the 1st theory and are pretty convincing. You're right, I should download ezec and do some modeling my self. I tried a modeling program a year or so ago but wasn't able to use it well enough to get any useful information out of it... mebbe its time to try again.

Your comment on the shorter wire (20 meter wire) was very interesting too. As I recall, my shorter wire (15 meter) last year had to be cut quite a lot shorter to get it resonant.... I assume because of the impedance problem you mentioned with the shorter wire. And... while 15 meters was useful, I wasn't really thrilled with the performance I got.

Another thought that I had was to just use a single 33' wire (instead of the 2 wire ribbon). This would eliminate the low impedance of the shorter wire and would give me 1/4 wave on 40, 3/4 wave on 15, 1/2 wave on 20. I'm not sure if the k2 autotuner would handle the 1/2 wave wire on 20 but if not, I've got a little tuner designed specifically for a 1/2 wave wire on 20. From bits and pieces I've seen on this list, I think that the 1/2 wave wire vertical might be as good as the 1/4 wave (if you can get it tuned) and probably doesn't depend as much on the ground plane. This might have the added advantage of not needing the additional 20 meter radials... just use the 33' radials.

Any thoughts?

Thanks,
Gary

--- Dave Hottell <hottell@gulftel.com> wrote:
 > Gary,
 >
 > > but do you think this configuration will be
 > >every bit as good on 15 as the 1/4 wave vertical
 > that
 > >I had last year?
 >
 > I have used a 40m vert on 15 with no problems. I
 > read the impedance with
 > my Autek VA-1 and it indicates about 50 ohms on both
 > bands. Feeding with
 > coax is fine. Tune for 15 meters though, rather
 > than 40. Coax losses will
 > be minimized that way.
 >
 > According to EZNEC the radiated energy will be as
 > follows for a standalone
 > vert. at various take-off angles (all in dBi):
 >
 > T/O angle 15 30 45 60 75
 > 3/4 w1 +1.1 +1.7 +3.7 +2.5 -2.9
 > 1/4 w1 -2.0 -0.7 -2.0 -5.1 -10.9
 >
 > As good or better? Looks that way to me.
 >
 > These values assume perfect ground so your actual
 > radiated energy will be
 > less than this, maybe by quite a bit. But since you
 > will be using the same
 > ground for each, the comparative gains will still
 > hold. If other words, if
 > you have lots of ground losses, you may only radiate
 > -5 dBi with the 3/4 w1
 > wire. With that ground the 1/4 w1 wire would be
 > radiating about -8 dBi.
 >
 > Should work FB.
 >
 > When I add the 20m wire 1/2 inch away, it has little
 > effect on the 40/15
 > wire, but the input impedance of the 20m wire is way
 > low. This means that
 > ground losses would really play havoc with 20m.
 >
 > When you had the 15/20 combo, it was the 15m wire

> that had the low input Z.
> Its always the shortest wire. If you were happy
> with 15m when using that
> combo, you should be happy with 20m using the new
> combo. Try it an see.
>
> You'd be better off increasing the distance between
> your two wires, if
> possible.
>
> You may want to download the free copy of EZNEC and
> look at it yourself.
>
> 73,
> Dave
> ab9ca
>
>
>
> At 07:15 PM 6/26/02 -0700, Gary Slagel wrote:
> >I'm getting ready for the ARS Bumblebee contest on
> >July 28!
> >
> >Last year I used a 2 band, 15 & 20 meter, 1/4
> >vertical. I made the radiator from 300 ohm tv
> >ribbon
> >with one wire cut for 20 and one wire cut for 15
> >(tuned with an ant analyzer). Supported it with a
> >20'
> >black widow fishin' pole. Put out 2 resonant
> >radials
> >for each band and fed it with coax. Worked great
> >but
> >no 40 meters.
> >
> >This year I'm thinkin.... 2 band, 20/40 meter 1/4
> >wave
> >vertical made with tv ribbon. One element approx
> >33'
> >and the other approx 16' 6". I've got a 33' kanga
> >pole for a support for the radiator. I'll carry
> >two
> >big hose clamps with me to attach the kanga pole to
> >a
> >handy limb on the ground. The tree branch will let
> >me
> >get the feedpoint up in the air 5 to 10 feet. 3 33'
> >radials and 3 16'6" radials and it shud work well

> on
> >20 & 40. Now..... my theory is that the 40 meter
> >radiator (33') will load very nicely as a 3/4 wave
> >vertical (with 3/4 wave resonant radials) on 15
> >meters. I'm sure my auto tuner on the K2 will load
> it
> >fine on 15 but do you think this configuration will
> be
> >every bit as good on 15 as the 1/4 wave vertical
> that
> >I had last year? Should I feed it with coax or 300
> >ohm ribbon? 20 & 15 are the bread and butter bands
> >for the middle of the afternoon when the bumblebee
> is
> >going, so I don't want to compromise my performance
> on
> >15. I'm going to find a rocky peak somewhere with
> no
> >trees so I've got to use a vertical. I've gotta be
> >able to hike at least a couple miles with it so I
> >can't start adding any more weight. So... my main
> >question is.... is my 3/4 wave vertical gonna work
> as
> >well or better than a 1/4 wave vertical? Anyone
> have
> >any good thoughts on this?
> >
> >Thanks,
> >Gary
> >
> >=====
> >Gary Slagel/N0SXX
> >Conifer, CO 80433
> >gdslagel@yahoo.com
> >Personal Website:
> ><http://members.fortunecity.com/gdslagel>
> >
> >-----
> >Do You Yahoo!?
> >Yahoo! - Official partner of 2002 FIFA World Cup
> ><http://fifaworldcup.yahoo.com>
> >

=====
Gary Slagel/N0SXX
Conifer, CO 80433
gdslagel@yahoo.com

Personal Website: <http://members.fortunecity.com/gdslagel>

Do You Yahoo!?

Yahoo! - Official partner of 2002 FIFA World Cup
<http://fifaworldcup.yahoo.com>

Date: Fri, 28 Jun 2002 10:54:42 -0400
From: juan ferrari <puntrad@usa.net>
To: <qrp-1@lehigh.edu>
Subject: [128712] FOX
Message-ID: <20020628145442.3676.qmail@uwdvg001.cms.usa.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: quoted-printable

Hi Gang.

This is what happened here in East South Florida.

Las night I worked Diz at 01:46Z and then relaxed waiting for the foxii. =
Well

I didn't hear any one till 03:47Z. At that time I heard Doc just over ESP=

level during 10 seconds and that was it. At 03:58 I heard the DX station
having QSO with Paul but not a dit from him.

Hope the next time I will have a chance to at least try to get a pelt.

72 es oo's

Juan - KG4FSN =

FP# 449, GACW# 599

Date: Fri, 28 Jun 2002 11:14:42 -0400
From: "Randy Randall" <randallr@healthall.com>
To: <qrp-1@lehigh.edu>
Subject: [128713] Re: ot manual
Message-ID: <sd1c4530.072@jhs_izar.healthall.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit
Content-Disposition: inline

Do you need the schematic? The pdf file from MFJ will not have the
schematic. My father-in-law has one and I am sure I can get it for you.
Let me know.

Randy KB8AS0

>>> Cw Opr <Cwdx@webtv.net> 06/27/02 15:18 PM >>>

Thanks everyone for the manual. I sent it over to my daughter, who has a real computer and can print it out. Cant download anything with web tv :)

Thanks again.

Date: Fri, 28 Jun 2002 11:20:18 -0400
From: "Hugo W. Catta" <hugo@optonline.net>
To: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [128714] WTB Curtis 8044B
Message-ID: <002201c21eb7\$4fbab600\$0300a8c0@hugocatt>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

Not the 8044, not the 8044ABM.
MFJ doesn't carry it anymore.

TIA

72
Hugo
AA1XV

Date: Fri, 28 Jun 2002 11:26:48 -0400
From: "Walt Amos" <k8cv@netzero.net>
To: <w5yr@att.net>
Subject: [128715] Re: putting an antenna under my siding
Message-ID: <003701c21eb8\$395235e0\$c2e25aa6@waltamos>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

DON'T YOU BELIVE IT !!

Do you ACTUALLY think lightning that has travel from a cloud is a little put off by your ROOF ?

We had a local whos attic antenna was struck and melted all the solder in the radio while DESTROYING IT ! Actually and truly, the solder was all over the bottom cover. The copper from the coax was all over the basement floor. The house caught fire but the fire department saved it. If it is a DIRECT hit, there is little you can do. Now if it hits the guys house behind you and all you get are fingers, grounding MAY save you but things are still passing HUMUNGUS amounts of CURRENT to ground. Had one of those here years ago, blew a chunk out of the loading capacitor in the old APACHE transmitter and killed the blitz bug that was in the coax line. I learned to disconnect both the antenna and power cords from that ! :-(

Walt K8CV Royal Oak, MI.

----- Original Message -----

From: George, W5YR <w5yr@att.net>

To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Sent: Thursday, June 27, 2002 12:56 PM

Subject: Re: putting an antenna under my siding

> Bet it picked up a lot less noise, too! <:}

>

> But, I have four full-size dipoles in my attic for 80, 40, 30 and 20
> meters, all fed through a 1:1 balun with a single RG-213 coax. True, they
> are noisy and cause RFI but when it is stormy and all the outside antennas
> have to be disconnected, they still work "good enough" to keep things
> going.

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> In fact, I worked one of the Spartan Sprints using those antennas and did
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> respectable job even though it took almost maximum DSP NR in the PRO to
> handle the static and lightning crashes! <:}

>

> 73/72/oo, George W5YR - the Yellow Rose of Texas

> Fairview, TX 30 mi NE of Dallas in Collin county EM13qe

> Amateur Radio W5YR, in the 56th year and it just keeps getting better!

> QRP-L 1373 NETXQRP 6 SOC 262 COG 8 FPQRP 404 TEN-X 11771 I-LINK 11735

> Icom IC-756PRO #02121 Kachina 505 DSP #91900556 Icom IC-765 #02437

>

>

> W2SH@aol.com wrote:

> >

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up to
> > the crawl space, across and down to the next room. I learned that a
dummy
> > load worked just as well, and it was far less work.
>

Date: Fri, 28 Jun 2002 11:39:58 -0400
From: "Walt Amos" <k8cv@netzero.net>
To: "Qrp-L Posts" <qrp-l@lehigh.edu>
Subject: [128716] Fw: Who had Foot Switch For Sale?
Message-ID: <005c01c21eba\$0ffec3a0\$c2e25aa6@waltamos>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Radio shack sells these thing for tape recorders, they are about \$5

.....

----- Original Message -----
From: wilford lindsey
To: Low Power Amateur Radio Discussion
Sent: Thursday, June 27, 2002 1:25 PM
Subject: Who had Foot Switch For Sale?

Gang:

A couple of days ago someone offered several items for sale, among them a
Foot Switch for \$20.00. Have unfortunately deleted that e-mail, and really
need it now. If YOU are the person making the deliveries, please get in
touch with me ASAP. Thanks in advance.

73,
--Doc/K0EVZ

--- dock0evz@earthlink.net
--- EarthLink: The #1 provider of the Real Internet.

Date: Fri, 28 Jun 2002 10:44:34 -0500 (EST)

From: <igeq100@iupui.edu>
To: Chuck Adams <k7qo@earthlink.net>
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [128717] Re: Machining Help needed [long]
Message-ID: <Pine.GS0.3.96.1020628103528.2660B-100000@jade.iupui.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi, Chuck -

One solution to your problem is to use a robust adhesive to attach your workpiece to the rotary table (or to a fixture that mounts to the rotary table). While I don't have a brand name or URL, I know that the product is out there. If you are interested, I will contact our department's machinist to see if he knows the ins and outs of this process.

I second your thoughts on the labor-intensiveness of key making. I currently have a batch of 13 paddles/bugs under construction, and the process doesn't move quickly.

It was good to talk with you at Dayton - best of luck on all of your projects, especially the telescopes. A very satisfying challenge.

72/73,

Rich, WB9LPU

On Fri, 28 Jun 2002, Chuck Adams wrote:

>
> Gang,
>
> Eventually this will get to an amateur related topic
> for Ft Tuthill, but I need a little help up front. I have
> a way to solve the problem, but others may have a faster
> time to solution than I have in mind.
>
> First of all I have a Taig Lathe and a Taig Mill from Chandler AZ.
>
> So my approach to this new hobby was to buy the books ----
> "Table Top Machining" by Joe Martin and "Machining Fundamentals"
> by John R. Walker the latest ones that I could find and checked
> out others from the library.
>
> So my first project is two spherometers used to measure curvature
> of concave surfaces of large telescope mirrors. I'm working on a
> 24" reflector and then a 1 meter one.
>
> I bought a 4" rotary table (Phase II) and another one from Sherline

> that I should get tomorrow. I have used the lathe to make all but
> one piece that I need for the two spherometers. I have 1/4" brass
> plate cut into 7" squares (this is the only time you'll see me use
> English measurements and I apologize). I want to use the Mill
> with the rotary table to make a 7" circular plate. Here is where
> I need the expertise. What jig do I make to hold down the
> plate? There is no center bolt through the table and I don't
> want to make multiple holes in the plate off center to hold it
> down.
>
> So, the problem as I see it is to make a plate rectangular that
> hold the plate in place on the corners that will eventually be
> removed from the center 7" section. Or should I go ahead and
> get a center bolt and machine on the lathe the bottom washer
> with tap to hold the plate down? This is one of those catch 22
> problems as I see it (I may be standing too close to the
> forest to see the trees) to make something circular without
> having a circular holding device.
>
> I am going ahead with machining a flat plate from Al to
> hold down the brass plate until I hear from someone that I
> am doing it the hard way. I'm learning as I go. I'll take a URL
> if you have one. I didn't find anything in my searches.
>
> By the Ft Tuthill hamfest I will have a K7QO Iambic Paddle
> made from brass. I have the plans made up and some of
> the parts already machined. I'm excited about this project.
> But you have to come to Ft Tuthill to see it. No web pics.... :-)
> It will have four bearings and play like a high dollar violin.
>
> As most of you know, Hensley is no longer doing paddles.
> WBL Designs also is gone. The reason is fairly simple.
> It takes a lot of time to make these things and if you haven't
> done it you probably haven't done the math to estimate the
> time involved. I spent a lot of time making two simple
> instruments from brass. Filled up a large trash can with
> long brass filaments made from less than 0.2 lbs of brass
> taking off 3 mils per layer on a small part. But it was
> good R&R and plain fun IMHO. I love to work with brass
> and it pretty cheap material at the surplus price of \$2 per
> pound down in PHX. The going rate of \$500+ for high-end
> paddles was cheap when you sit down and figure out the
> manual labor involved.
>
> Thanks in advance for the help and I hope I didn't go
> as far off topic as the postings I have been seeing. :-) ;-)
>
> dit dit

>
> P.S. I will have the Lathe, Mill, two rotary tables, small
> mill vice, and tilting table so I should be able to make anything
> that I will need in the future. But that doesn't mean that
> I won't buy something else. :-)
>
> I am also building an optical spectrometer. I have a
> 9000V 30mA neon sign transformer and I'm in need of
> some gas filled tubes for calibrating the instrument.
> I have an outfit in PHX making me two 12cm long
> tubes that are 12mm in diameter for neon and argon.
> Any other sources greatly appreciated.
>
> So many toys and so little time.....
>
>
>
>
>
>
> Chuck Adams, K7QO CP-60 k7qo@earthlink.net
> <http://www.qsl.net/k7qo>
>
> Moving to Arizona? --- Bring your own water, please.
>
>
>

Date: Fri, 28 Jun 2002 15:50:54 +0000
From: "Alan Fryer" <N3BJ@hotmail.com>
To: qrp-l@lehigh.edu
Subject: [128718] No Fox in VA
Message-ID: <0E71jKMQzfyBXmfiaGU00000ac1@hotmail.com>

Couldn't copy Doc at all last nite and may have QRTed before Paul came on, dunno if I would have heard him or not. Band was very poor and long - heard some EU Russians, VE5RC and that was about it...

Alan, N3BJ
Bent Mountain, VA

Date: Fri, 28 Jun 2002 09:57:43 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>

To: QRP-Canada <qrp-canada@neale.gpfn.sk.ca>,
Low Power Group <qrp-l@lehigh.edu>
Subject: [128719] SaskHamfest 2002
Message-ID: <Pine.LNX.4.33.0206280954230.31367-100000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

This is to remind you that SaskHamfest 2002 is coming up the weekend of July 5-7.

We have planned a varied and interesting program around the theme of Amateur Radio - Serving Our Community.

Details of the program are at the web site <http://www.qsl.net/saskhamfest/> under the "Events" tab.

We hope that you will find something interesting that will bring you to the hamfest.

Thank you,
73
John VE5SJA
Chairman, SaskHamfest 2002

Date: Fri, 28 Jun 2002 11:08:32 -0500
From: "Mark Andrews \((KE4IOF\))" <KE4IOF@ke4iof.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [128720] Lightning
Message-ID: <007801c21ebe\$0e3a0c60\$b16e640a@vitalworks.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

In 1997 I developed a whole new respect for lightning. It was during Field Day and our club had deployed all its gear on the nob of a mountain overlooking the Tennessee Valley (in Northern Alabama). It was a great site owned by one of our members.

About 3 in the afternoon, typical summer thunderheads started to build. It wasn't long before one of these developed into a fast moving thundershower and was headed for our site. Like idiots, we ignored it.

The rain came, and we ignored it. The wind came and we ignored it. The thunder boomed and we ignored it.. Then came the lightning. It would not be ignored.

While it didn't strike me directly, I felt its affects as it traveled from my computer, down my right arm, side and bare leg through the metal chair I was sitting in. The chair was situated on bare ground. We did not ignore it any longer. The back of my leg had a red spot on it for a few days and my whole body was sore for about a week.

The humans in the group were lucky. Our equipment didn't fare so well. I personally lost two radios, a power supply and a TNC. Others in the group lost equipment as well. The city of Moulton, Alabama lost a brand new 10KW diesel generator it had loaned us for the weekend.

Do not ever think you are safe from lightning. You do not have to be struck directly to suffer the consequences. I was lucky.

Five miles of air will not stop lightning. Neither will 3/4" plywood, nor shingles, nor a \$4.95 surge suppressor. It is doubtful that you could provide a sufficient ground with enough capacity to conduct the current in a lightning strike in a manner of your choosing. The best thing to do during a storm is to disconnect everything from the outside world. This means disconnecting everything in your shack from antennas, phone lines, power outlet and even your ground connection. After the analysis of our Field Day strike, we theorized the current didn't propagate through our antenna systems, but through our power systems.

There is one humorous aspect to my story. The tent I was sitting under was loaned to us by a funeral home, you know, the kind they put over the grave during a service... You think maybe they were trying to drum up business? :-)

Mark, KE4IOF

Mark A. Andrews

----- Original Message -----

From: "Walt Amos" <k8cv@netzero.net>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Sent: Friday, June 28, 2002 10:26 AM

Subject: Re: putting an antenna under my siding

> DON'T YOU BELIVE IT !!

>

> Do you ACTUALLY think lightning that has travel from a cloud is a little

put
> off by your ROOF ?
>
> We had a local whos attic antenna was struck and melted all the solder in
> the radio while DESTROYING IT ! Actually and truly, the solder was all
over
> the bottom cover. The copper from the coax was all over the basement
floor.
> The house caught fire but the fire department saved it. If it is a DIRECT
> hit, there is little you can do. Now if it hits the guys house behind you
> and all you get are fingers, grounding MAY save you but things are still
> passing HUMUNGUS amounts of CURRENT to ground. Had one of those here years
> ago, blew a chunk out of the loading capacitor in the old APACHE
transmitter
> and killed the blitz bug that was in the coax line. I learned to disconnect
> both the antenna and power cords from that ! :-(
>
> Walt K8CV Royal Oak, MI.
> ----- Original Message -----
> From: George, W5YR <w5yr@att.net>
> To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
> Sent: Thursday, June 27, 2002 12:56 PM
> Subject: Re: putting an antenna under my siding
>
>
> > Bet it picked up a lot less noise, too! <:}
> >
> > But, I have four full-size dipoles in my attic for 80, 40, 30 and 20
> > meters, all fed through a 1:1 balun with a single RG-213 coax. True,
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> > are noisy and cause RFI but when it is stormy and all the outside
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> > QRP-L 1373 NETXQRP 6 SOC 262 COG 8 FPQRP 404 TEN-X 11771 I-LINK 11735
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> >
> >

> > W2SH@aol.com wrote:
> > >
> > > Ever since I tried wire antennas in the five-foot-high crawl space in
> this
> > > ranch house, I've been against the idea of placing antennas in close
> > > proximity to the house. In my case, the difficulty arose from the
fact
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> > > all the electrical wiring in the house goes from room to room by going
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> dummy
> > > load worked just as well, and it was far less work.
> >

Date: Fri, 28 Jun 2002 12:12:51 -0400
From: "Mullin, Edward J." <mulline@tycoelectronics.com>
To: "'QRP'" <qrp-1@lehigh.edu>
Subject: [128721] Pixie II conversion question.
Message-ID: <3ADC36BE56E5D411A5EC00805F15A0F30173050B@ammex004.macom.com>
MIME-Version: 1.0
Content-Type: text/plain

Hello All,

I have built a Pixie II, but instead of being rock bound I put in a slug tuned coil and cap. Seems to work pretty good, except when I key it, the freq. drops quite a bit. Is this a) The PA pulls the oscillator and I need to isolate it better, or b) something else? and how to 'fix it'? Anyone else do a similar mod? I've done a web search already but no joy.

73 de KB1HYS
> Ed Mullin
>

Date: Fri, 28 Jun 2002 12:17:50 -0400
From: Ed Lawson <k1vp@grizzly.com>
To: k8cv@netzero.net
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [128722] Re: Fw: Who had Foot Switch For Sale?
Message-ID: <3D1C8C2E.3030204@grizzly.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed

Content-Transfer-Encoding: 7bit

Walt Amos wrote:

>Radio shack sells these thing for tape recorders, they are about \$5
>.....
>
>
>

Yeap, and they work well too. They are often stocked at even small stores, but you need to ask for them by part number as the counter people often get a blank stare when you ask for them.

Personally I am thankful for RS even though I live with 30 miles of an HRO store. Without RS where could you go and get you hands on all kinds of little parts for projects and such.

Ed Lawson
K1VP

Date: Fri, 28 Jun 2002 12:27:55 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [128723] Re: Lightning
Message-ID: <001f01c21ec1\$22b67720\$0300a8c0@charter.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

If lightning strikes, there's not really a thing you can do, unless you are in a faraday cage that is really heavy duty. I have personally seen the effects of a strike where it hit the corner of a parking garage, and took out a ton of computer equipment in the basement. A ton as in a ton of scrap metal. This hit melted right through our copper grounding grid under the computer room floor.

But, there's a lot you can do to ward off a strike. And that's where putting the antenna in the attic can really help. Here I personally have 80 to 100 foot trees around my house. To the point my wind gauge is almost useless, I'm just in too much of a 'well' from the trees. Even still, I totally unplug my antenna that is a dipole between the trees when there's a storm. But if I had a dipole in the attic, protected from the static buildup, I'd probably leave it connected if it was IMPORTANT

to do so. Unless it was life or death, I wouldn't leave my dipole connected.

Thing is, once that strike takes place, there's very little you can do if it's a direct hit. But, the secondary induced surges you CAN try to limit any damage. And you can try to ward off the strike in the first place with a proper installation.

Mike

```
>
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> > ----- Original Message -----
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> > To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
> > Sent: Thursday, June 27, 2002 12:56 PM
> > Subject: Re: putting an antenna under my siding
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>
>

Date: Fri, 28 Jun 2002 12:50:04 -0400
From: "Hare,Ed, W1RFI" <w1rfi@arrl.org>
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [128724] RE: Lightning
Message-ID: <125490A005E3D3118C9C00805FC743CC040F4335@KAHLESS>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"

Info on lightning and the limits of lightning protection:

<http://www.arrl.org/tis/info/lightning.html>

<http://www.arrl.org/tis/info/antgrnd.html>

<http://www.arrl.org/tis/info/electsfty.html>

73,
Ed Hare, W1RFI
ARRL Lab
225 Main St
Newington, CT 06111
Tel: 860-594-0318
Internet: w1rfi@arrl.org
Web: <http://www.arrl.org/tis>

> -----Original Message-----
> From: Mark Andrews (KE4IOF) [mailto:KE4IOF@ke4iof.com]
> Sent: Friday, June 28, 2002 12:09 PM
> To: Low Power Amateur Radio Discussion
> Subject: Lightning
>
>
> In 1997 I developed a whole new respect for lightning. It was
> during Field
> Day and our club had deployed all its gear on the top of a mountain
> overlooking the Tennessee Valley (in Northern Alabama). It
> was a great site
> owned by one of our members.
>
> About 3 in the afternoon, typical summer thunderheads started
> to build. It

> wasn't long before one of these developed into a fast moving
> thundershower
> and was headed for our site. Like idiots, we ignored it.
>
> The rain came, and we ignored it. The wind came and we ignored it. The
> thunder boomed and we ignored it.. Then came the lightning.
> It would not be
> ignored.
>
> While it didn't strike me directly, I felt its affects as it
> traveled from
> my computer, down my right arm, side and bare leg through the
> metal chair I
> was sitting in. The chair was situated on bare ground. We
> did not ignore it
> any longer. The back of my leg had a red spot on it for a few
> days and my
> whole body was sore for about a week.
>
> The humans in the group were lucky. Our equipment didn't fare
> so well. I
> personally lost two radios, a power supply and a TNC. Others
> in the group
> lost equipment as well. The city of Moulton, Alabama lost a
> brand new 10KW
> diesel generator it had loaned us for the weekend.
>
> Do not ever think you are safe from lightning. You do not
> have to be struck
> directly to suffer the consequences. I was lucky.
>
> Five miles of air will not stop lightning. Neither will 3/4"
> plywood, nor
> shingles, nor a \$4.95 surge suppressor. It is doubtful that you could
> provide a sufficient ground with enough capacity to conduct
> the current in a
> lightning strike in a manner of your choosing. The best thing
> to do during a
> storm is to disconnect everything from the outside world. This means
> disconnecting everything in your shack from antennas, phone
> lines, power
> outlet and even your ground connection. After the analysis of
> our Field Day
> strike, we theorized the current didn't propagate through our antenna
> systems, but through our power systems.
>
> There is one humorous aspect to my story. The tent I was
> sitting under was

> loaned to us by a funeral home, you know, the kind they put
> over the grave
> during a service... You think maybe they were trying to drum
> up business?
> :-)
>
> Mark, KE4IOF
> -----
> Mark A. Andrews
>
> ----- Original Message -----
> From: "Walt Amos" <k8cv@netzero.net>
> To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
> Sent: Friday, June 28, 2002 10:26 AM
> Subject: Re: putting an antenna under my siding
>
>
> > DON'T YOU BELIVE IT !!
> >
> > Do you ACTUALLY think lightning that has travel from a
> cloud is a little
> put
> > off by your ROOF ?
> >
> > We had a local whos attic antenna was struck and melted all
> the solder in
> > the radio while DESTROYING IT ! Actually and truly, the
> solder was all
> over
> > the bottom cover. The copper from the coax was all over the basement
> floor.
> > The house caught fire but the fire department saved it. If
> it is a DIRECT
> > hit, there is little you can do. Now if it hits the guys
> house behind you
> > and all you get are fingers, grounding MAY save you but
> things are still
> > passing HUMUNGUS amounts of CURRENT to ground. Had one of
> those here years
> > ago, blew a chunk out of the loading capacitor in the old APACHE
> transmitter
> > and killed the blitz bug that was in the coax line. I
> learned to disconnect
> > both the antenna and power cords from that ! :-(
> >
> > Walt K8CV Royal Oak, MI.
> > ----- Original Message -----
> > From: George, W5YR <w5yr@att.net>

> > To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
> > Sent: Thursday, June 27, 2002 12:56 PM
> > Subject: Re: putting an antenna under my siding
> >
> >
> > > Bet it picked up a lot less noise, too! <:}
> > >
> > > But, I have four full-size dipoles in my attic for 80,
> 40, 30 and 20
> > > meters, all fed through a 1:1 balun with a single RG-213
> coax. True,
> they
> > > are noisy and cause RFI but when it is stormy and all the outside
> antennas
> > > have to be disconnected, they still work "good enough" to
> keep things
> > > going.
> > >
> > > In fact, I worked one of the Spartan Sprints using those
> antennas and
> did
> > a
> > > respectable job even though it took almost maximum DSP NR
> in the PRO to
> > > handle the static and lightning crashes! <:}
> > >
> > > 73/72/00, George W5YR - the Yellow Rose of Texas
> > > Fairview, TX 30 mi NE of Dallas in Collin county EM13qe
> > > Amateur Radio W5YR, in the 56th year and it just keeps
> getting better!
> > > QRP-L 1373 NETXQRP 6 SOC 262 COG 8 FPQRP 404 TEN-X 11771
> I-LINK 11735
> > > Icom IC-756PRO #02121 Kachina 505 DSP #91900556 Icom
> IC-765 #02437
> > >
> > >
> > > W2SH@aol.com wrote:
> > > >
> > > > Ever since I tried wire antennas in the five-foot-high
> crawl space in
> > this
> > > ranch house, I've been against the idea of placing
> antennas in close
> > > proximity to the house. In my case, the difficulty
> arose from the
> fact
> > that
> > > all the electrical wiring in the house goes from room

> to room by going
> > up to
> > > the crawl space, across and down to the next room. I
> learned that a
> > dummy
> > > load worked just as well, and it was far less work.
> > >
>

Date: Fri, 28 Jun 2002 09:58:35 -0700
From: "Tracy Markham" <tracy@bytemark.com>
To: "QRP-L" <qrp-l@lehigh.edu>, <KE4IOF@ke4iof.com>
Subject: [128725] RE: Lightning
Message-ID: <GNEOLGDJDOPEALHJMKLCCEJECFAA.tracy@bytemark.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Lightening is awesome powerful.

I come from Orlando, the lightening capital of the world. The clouds are LOW, maybe 300 -500 feet off the ground and they are violent. It is not uncommon to go 45 minutes without one microsecond of relief from the thunder. And I mean THUNDER, the stuff that cracks windows.

I took a direct strike to a vertical last summer that reminded me of where I had lived all my life. It not only blew the fiberglass hamstick to pieces, with parts over 5 neighbors yards, it ignited the coax like a fuse and caused quite a lot of smoke and stink in the attic and workshop. The induced currents from the coax (which was running bundled up with my network wires ...) burned out all my hubs and computers. Three computers literally blew pieces off the boards and one gave out a belch of smoke that got the fire department involved.

It was a mess, and an insurance nightmare.

The tower was grounded properly, probably too well. The rig was grounded well, as well as everything on the bench. All blown to bits. Next time I think I'll use a cement block and a coke bottle to insulate the push up pole from ground!! hi

It's random - you can do anything you want to hide from it, but if it hits, it's going to hurt.

Tracy N4LGH

Date: Fri, 28 Jun 2002 11:54:33 -0500
From: Dave Hottell <hottell@gulftel.com>
To: Gary Slagel <gdslagel@yahoo.com>, QRP L <qrp-l@lehigh.edu>
Subject: [128726] Re:Re: Antenna idea feedback pse
Message-ID: <3.0.6.32.20020628115433.0087e7f0@pop.gulftel.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Gary,

> From bits and pieces I've seen on this list, I think
>that the 1/2 wave wire vertical might be as good as
>the 1/4 wave (if you can get it tuned) and probably
>doesn't depend as much on the ground plane. This
>might have the added advantage of not needing the
>additional 20 meter radials... just use the 33'
>radials.

While I have not used a 1/2 vertical, my impressions are the same as your's. They make good radiators if you can tune 'em.

More EZNEC numbers show the relative radiation of one wire (34') -- 1/4 wl on 40, 1/2 wl on 20, 3/4 wl on 15 -- at various take-off angles (all in dBi):

T/O angle	15	30	45	60	75
1/4-40	-2.0	-0.8	-2.2	-5.3	-11.2
1/2-20	-0.3	-0.8	-4.7	-10.2	-17.2
3/4-15	+1.1	+1.7	+3.7	+2.5	-2.9

I posted some of the same numbers again so you will have 'em all in one place.

This indicates that the 1/2 wl vert is a good low angle radiator, but won't do as well on local contacts. Has a fairly flat radiation pattern. But it is hard to beat using one wire for a three-band antenna if one has to carry it in and out.

For a feedline on the 1/2 wl I would try a quarter wave (or 3/4 wl) stub of 300 ohm twin lead. EZNEC indicates a feed point impedance of about 3000 ohms, and through 1/4 wl stub, this would be transformed into something like 30 ohms. You should be able to tune this. Leave the unterminated wire open at the antenna base. This arrangement is basically the same as the venerable J-pole used for 2 meters. It's just a bit bigger.

You'd have to switch feedline when you switched to and from 20m. This may

or may not be a problem depending on how hard it is raining, how the mosquitos are biting, etc. ;-)

Let me note again that these numbers assume perfect ground. For the 1/2 w1 vertical, ground losses are not terribly important since the feedpoint impedance is so high. Actual radiated energy will be lower on 40 and 15 due to ground losses, but, for a chosen ground scheme, the relative levels should be fairly close to the indicated numbers.

Also let me note that the ARRL Antenna Book indicates that if there are fewer than about 30 radials, there is no need to make them longer than about 1/2 the height of the vertical radiating element. The proximity to ground detunes the radials pretty badly so they are really not resonant anyway. They are to provide a reduced impedance for the vertical image antenna. You're better off using more short radials than a few longer ones, according to the data in the Antenna Book (this is for a ground mounted antenna, if mounted even a few feet up then two tuned radials are called for).

FWIW, the numbers above assume poor ground, the sandy kind we have here in South Alabama. If you change the ground type, the numbers will change, although the relative relationships should remain roughly the same. If you want some super low angle numbers, try salt water for the ground type.

Hope this helps.

73
Dave
ab9ca

Date: Fri, 28 Jun 2002 13:32:48 -0400
From: "Charles W3KC" <w3kc@starpower.net>
To: <qrp-1@lehigh.edu>
Subject: [128727] RE: Lightning
Message-ID: <005d01c21ec9\$d300cce0\$2d042c42@w3kc>

Back in the 70's, I worked at a communications center on top of a mountain in WV. The building was poured concrete with a re-bar cage enclosed in the concrete. The re-bar was all welded to form a huge cage. The microwave towers just outside were over 100 feet tall. Needless to say, we were routinely struck by lightning. The building would shudder but the computers and comm gear stayed on line. We had an auto trip to internal diesel generators. A few other neat

features: A well drilled over 500 feet deep, frequent visits by copperheads and eastern rattlesnakes, a very steep access road with winter access often only by four wheel drives with chains. But man, the view was great and I could hit tons of distant repeaters from the parking lot.

72 de Chas W3KC

Date: Fri, 28 Jun 2002 10:34:19 -0700
From: "Ian Wilson" <ianmwilson@earthlink.net>
To: <mulline@tycoelectronics.com>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [128728] Re: Pixie II conversion question.
Message-ID: <000e01c21eca\$0962eb60\$0b02a8c0@trabucoserver>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I did something similar, except using a toroidal inductor, boiled for a few minutes then dried and stabilized with hot glue.

Also had a problem with chirp. Fixing it adequately required two things: first, needed a buffer stage between the VFO and the output stage; second, needed very good regulation for the VFO supply. I found that keying caused the battery voltage to dip and this shifted the VFO frequency. A 78L06 didn't regulate well enough to cure the chirp completely. I ended up using a current source/zener combination that Dale, W6BYU, suggested. Here's a description of my implementation for about 4.5v regulated from 9v supply: (sorry about the text-only description but here goes) 2N3819 FET, drain to +9v; source to 1k; gate to end of 1k; 5.2v zener from end of 1k to ground. 0.01uF capacitor across the zener. NPN pass transistor, collector to +9v, base to junction of 1k and zener, emitter is regulated voltage output.

Hope this helps,

de ian, K3IMW/6

----- Original Message -----

From: "Mullin, Edward J." <mulline@tycoelectronics.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Friday, June 28, 2002 9:12 AM
Subject: Pixie II conversion question.

> Hello All,
>
> I have built a Pixie II, but instead of being rock bound I put in a
> slug tuned coil and cap. Seems to work pretty good, except when I key it,
> the freq. drops quite a bit. Is this a) The PA pulls the oscillator and I
> need to isolate it better, or b) something else? and how to 'fix it'?
> Anyone else do a similar mod? I've done a web search already but no joy.
>
> 73 de KB1HYS
> > Ed Mullin
> >

Date: Fri, 28 Jun 2002 13:44:20 -0400
From: "John Dorson" <jdorson@worldshare.net>
To: <KE4IOF@ke4iof.com>,
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [128729] Re: Lightning
Message-ID: <001f01c21ecb\$735f1240\$5e10eb41@atwork>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Living in the lightning capital of the world, (Florida) I can tell you that
Mark is correct in every way. You just can't beat it so be extra careful.

John K2JHU...

Date: Fri, 28 Jun 2002 14:33:19 -0400
From: "Brian B. Riley \(\N1BQ\) ListAcct" <n1bq_list@wulfdn.org>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>,
"NJ-QRP List" <njqrp@njqrp.org>, "NVQS" <nvqs@yahoogroups.com>,
Subject: [128730] Field Day 2002 - Web Pix ???
Message-ID: <NLECJEINFMOPPBOKKBNEAEBIEOAA.n1bq_list@wulfdn.org>

MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I have posted a small list, gleaned from QRP-L, of other clubs/individuals
FD 2002 web pix. This list is at the bottom of the NVQS FD 2002 index page.

If anyone knows of any other club/individual FD 2002 web pix site please
let me know. I would like to add to the list.

cheers ... 73 de brian, n1bq

Date: Fri, 28 Jun 2002 13:35:37 -0500
From: "wilford lindsey" <dock0evz@earthlink.net>
To: "qrp-l reflector" <qrp-l@lehigh.edu>
Cc: "doc k0evz earthlink" <dock0evz@earthlink.net>
Subject: [128731] HTML
Message-ID: <4120026528183537266@earthlink.net>
MIME-Version: 1.0
Content-Type: text/html; charset=US-ASCII

<HTML><HEAD>
<META http-equiv=Content-Type content="text/html; charset=windows-1251">
<META content="MSHTML 6.00.2600.0" name=GENERATOR></HEAD>
<BODY>
<P>
<DIV></DIV>
<DIV>Gang:</DIV>
<DIV> </DIV>
<DIV>Help!--some guys are saying that I am still sending HTML messages. Have
made certain that Outlook and Outlook Express are set to send and receive only
plain text. Same for Microsoft Word. Am not finding such a setting for
Earthlink thus far. So now what, I wonder? Sure is a pesky thing to
get a handle on. Ideas, anyone?</DIV>
<DIV> </DIV>
<DIV>73,</DIV>
<DIV>--Doc/K0EVZ</DIV>
<DIV>--- wilford lindsey</DIV>
<DIV>--- dock0evz@earthlink.net</DIV>
<DIV>--- EarthLink: The #1 provider of the Real Internet.</DIV>
<DIV> </DIV>

<P></P></BODY></HTML>

Date: Fri, 28 Jun 2002 15:23:54 -0400
From: "E. Roswell" <eroswell@monmouth.com>
To: qrp-l@lehigh.edu
Subject: [128732] Re: Machining Help needed [long]
Message-ID: <3D1CB7CA.944AF49D@monmouth.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

All the old telescope-making blurbs I remember reading (No, I never made one) had you holding down the large lens with some sort of glue (pitch?) which I guess you were supposed to melt off the holding plate. I don't know whether the force of turning brass would be greatly in excess of that when grinding a lens.
Ed, K2MGM.

Date: Fri, 28 Jun 2002 13:26:57 -0600
From: "Francis Callahan" <colcal@srv.net>
To: <QRP-L@lehigh.edu>
Subject: [128733] For Sale/Swap
Message-ID: <001c01c21ed9\$c568a020\$10de070c@callahan>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Icom 2710H 2 mtr 440 dual band mobile with pwr cord mike manual original box has extended coverage on 440 also mbl mount vhf is 50/10/5 watts out 440 is 35/10/5 watts out Cal KF7ET direct or call 208 357 7431 thanks

Date: Fri, 28 Jun 2002 14:29:33 -0500
From: "Brice D. Hornback" <bdh@cyberbound.net>
To: qrp-l@lehigh.edu
Subject: [128734] TINY-TORNADO Micro-Transceiver Kits Available and READY TO SHIP
Message-ID: <02bf01c21eda\$21ea4420\$6501a8c0@lwrnce01.in.comcast.net>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1

Content-transfer-encoding: 7BIT

I still have a couple of the Tiny-Tornado Micro-Transceiver kits available. These are ready to ship. Place your order online today and they ship tomorrow. Check out the "Kits & Parts" page for details.

<http://www.QRPp-I.com>

73/72/71! de Brice KA8MAV
QRPp International Radio Club

Date: Fri, 28 Jun 2002 13:36:03 -0600 (MDT)
From: "Karl F. Larsen" <k5di@zianet.com>
To: wilford lindsey <dock0evz@earthlink.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [128735] Re: HTML
Message-ID: <Pine.LNX.4.44.0206281332370.2583-1000000@Daisy.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=ISO-8859-1
Content-Transfer-Encoding: quoted-printable

Hi Doc, Earthlink is not the reason. You must have re-set Outlook=20 Express to send HTML. That is the default for it. Look again and make=20 sure you have checked just Plain Text.

On Fri, 28 Jun 2002, wilford lindsey wrote:

>=20
> Gang:
> =A0
> Help!--some guys are saying that I am still sending HTML messages.=A0 H=ave
> made certain that Outlook and Outlook Express are set to send and recei=ve
> only plain text.=A0 Same for Microsoft Word.=A0 Am not finding such a s=etting
> for Earthlink thus far.=A0 So now what, I wonder?=A0 Sure is a pesky th=ing to
> get a handle on.=A0 Ideas, anyone?=A0
> =A0
> 73,
> --Doc/K0EVZ

> --- wilford lindsey
> --- dock0evz@earthlink.net
> --- EarthLink: The #1 provider of the Real Internet.
> =A0
>=20
>=20
>=20

--=20
Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -
<http://www.zianet.com/k5di/>

Date: Fri, 28 Jun 2002 14:29:03 -0600
From: "Rod N0RC" <rod@n0rc.us>
To: "qrp-1" <qrp-1@lehigh.edu>, <elecraft@mailman.qth.net>
Subject: [128736] Re: [Elecraft] Ham Radio SW for the Mac Qs
Message-ID: <006501c21ee2\$71ec29e0\$6501a8c0@greyrock>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Folks,

The shine on the lure has dulled considerably.

First off the HAM software availability seems quite limited: The best I found was:

<http://www.ac6v.com/software.htm#MAC>

I heard no compelling reasons to want to use any of the Mac software available.

Also, the new iBooks don't have a serial port, so rig control software is problematic. There are USB to Serial converters, but success with those seems mixed.(1)

Finally, by the time I got Mac versions of all the other software I now use on the PC; (Firewall, Antivirus, text editor(2), quicken...etc) I'd be out another \$500 or more.

No thanks, I'll hold my current position for a while.

73, Rod N0RC

(1) This is also a problem on some WinTel machines. I have a notebook computer like this. I use Digipan for PSK-31 and drive my rig in VOX mode, works great.

(2) MS Notepad is not an editor, it is a TOY! TextPad www.textpad.com and NoteTab www.notetab.com/ are products worthy of the "text editor" label. (I'm an ex vi and Emacs "power user" ;-)

----- Original Message -----

From: "Rod N0RC" <rod@n0rc.us>

To: "qrp-1" <qrp-1@Lehigh.EDU>; <elecraft@mailman.qth.net>

Sent: Thursday, June 27, 2002 5:31 PM

Subject: [Elecraft] Ham Radio SW for the Mac Qs

> Folks,

>

> I'm feeling the lure of Mac OSX, perhaps a result of the recent

> "switch" ads. www.apple.com/switch

>

> Well I did a little "Googlen" and see the basics I require are

> available, "Spectrogram" like packages and PSK-31 software. So it's

> time to dig deeper.

>

> For those whose use Mac's:

>

Date: Fri, 28 Jun 2002 21:40:56 +0000

From: Brian Short <bshort4@cox.net>

To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>

Subject: [128737] Re: Ham Radio SW for the Mac Qs

Message-ID: <20020628213827.HDPD25007.fed1mtao01.cox.net@k7on-nt>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Back in 1986 I bought a Mac (for writing a thesis) and ended up

writing my own host mode program for PK-232.

I quickly came to realize that the ham free-/share-/soft-ware existed for the PC, primarily. There was a version of the NOS TCP/IP amateur radio software that I greatly preferred to the DOS versions, however.

Then, with the initial release of OS-X last year, I decided to try an iMac in my shack. Long story short, I returned the iMac to the store for a refund because while it was a great computer, it just could not easily serve my purposes (amateur radio).

The ubiquity of the PC platform along with the availability of software make it a logical choice for ham radio. Linux looks better and better...

At 02:29 PM 6/28/02 -0600, Rod N0RC wrote:

>Folks,

>

>The shine on the lure has dulled considerably.

>

>First off the HAM software availability seems quite limited: The best

>I found was:

>

> <http://www.ac6v.com/software.htm#MAC>

>

>I heard no compelling reasons to want to use any of the Mac software
>available.

>

>Also, the new iBooks don't have a serial port, so rig control software
>is problematic. There are USB to Serial converters, but success with
>those seems mixed.(1)

>

>Finally, by the time I got Mac versions of all the other software I
>now use on the PC; (Firewall, Antivirus, text editor(2),
>quicken...etc) I'd be out another \$500 or more.

>

>No thanks, I'll hold my current position for a while.

>

>73, Rod N0RC

>

>

>(1) This is also a problem on some WinTel machines. I have a notebook
>computer like this. I use Digipan for PSK-31 and drive my rig in VOX
>mode, works great.

>

>(2) MS Notepad is not an editor, it is a TOY! TextPad www.textpad.com
>and NoteTab www.notetab.com/ are products worthy of the "text editor"
>label. (I'm an ex vi and Emacs "power user" ;-)

--
bshort4@cox.net >or< <http://www.k7on.com/>
--

Date: Fri, 28 Jun 2002 16:55:43 -0500
From: Darrel Swenson <k0awb@tconl.com>
To: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [128738] Dad Braggin'
Message-ID: <3D1CDB5E.390711DB@tconl.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi All...

Excuse the bandwidth... but I wanted to brag a minute.

My 13 year old daughter got her ham callsign yesterday...
KC0NQJ... She passed her technician test a couple of weekends ago
at the Iowa QRP State Convention at the Sioux City Hamfest.

This all started about 3 years ago when I got her a copy of
Cynthia Wall's NIGHT SIGNALS book to read. She eventually (at her
own pace) read all of Cynthia Wall's books and a couple of others
from the library.

Last year when she was 12, I mentioned going to a hamfest, she
asked if she could go along. (No way I was going to turn that
down!!) The Iowa QRP Club sponsored a kit building contest Friday
night. She asked if she could build something. I (with some help
from Ed Hare - thanks Ed!) helped her build a Tuna Tin II kit.
(Her picture with the Tuna Tin II is on page 21 of the March 2002
QST.) Kit building really sparked her interest. Over the last
year we have built several small kits together.

She asked what she could do with the Tuna Tin II. I explained it
was a CW transmitter and she would need a ham license to operate
it (unless I was supervising.) She asked how hard a license was
to get... I bought her a copy of the ARRL's "NOW YOU ARE TALKING."

This year she asked if she could go the the hamfest again. Over
the last year, on her own, she had read most of the "NOW YOUR
TALKING" book. On Saturday afternoon June 15th (with a very
nervous Dad waiting in the hall) she passed her Technician
License. The FCC issued her call yesterday -- KC0NQJ. She is now

the proud owner of a new HT and an "INTRODUCTION TO MORSE CODE"
CD.

Kristin lives in another city, about 150 miles away, with her
mother. I usually only get to see her about one weekend a month.
I really didn't get a chance to help her study much... other than
answering a couple of questions... she did this all on her own!

I'M REALLY PROUD OF HER... and just wanted to brag for a minute...
thanks for the bandwidth.

Darrel Swenson... K0AWB

End of QRP-L Digest 2600
